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1967 Summer College Catalog

State University of New York College at Cortland

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COLLEGE AT CORTLAND

Summer
Catalog
1967



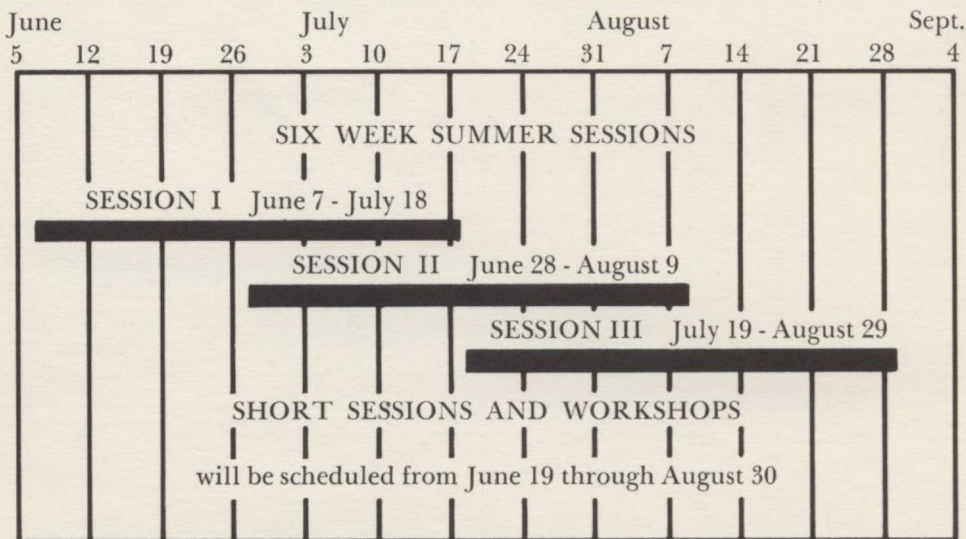
STATE UNIVERSITY OF NEW YORK

1967

SUMMER SESSION CALENDAR

June 6, Tuesday	Registration for Summer Session I — 6:00 P.M.-10:00 P.M.
June 7, Wednesday	Classes Begin for Summer Session I — Six Weeks — Close July 18
June 28, Wednesday	Registration for Summer Session II — 9:00 A.M.-3:00 P.M.
June 29, Thursday	Classes Begin for Summer Session II — Six Weeks — Close August 9
July 4, Tuesday	Independence Day — Holiday
July 18, Tuesday	Registration for Summer Session III — 4:00 P.M.-9:00 P.M.
July 19, Wednesday	Classes Begin for Summer Session III — Six Weeks — Close August 29
June 19-August 30	Short Sessions — See Below

All short sessions, for one, two, or three weeks will have registration at the close of the first day of class. See pages 7-10 for listing and time of short sessions.



**STATE UNIVERSITY OF NEW YORK
COLLEGE AT CORTLAND**

1967 Catalog
SUMMER SESSIONS

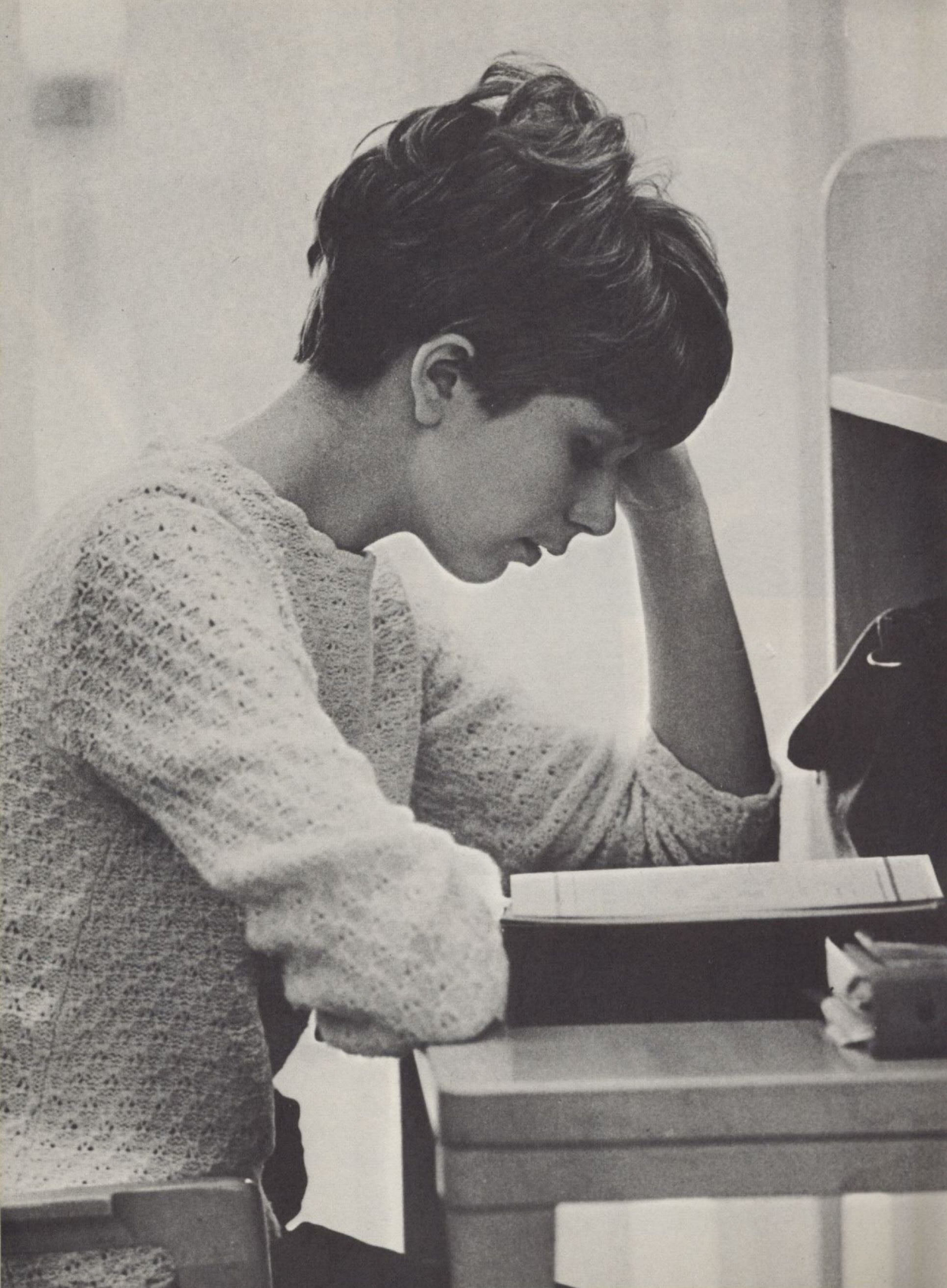


College at Cortland
Cortland, New York 13045

ACCREDITATION OF THE COLLEGE

The State University College at Cortland has been accredited by the following official bodies: The Middle States Association of Colleges and Secondary Schools, The National Council for Accreditation of Teacher Education, The American Association of University Women, and The Board of Regents of the University of the State of New York.





CONTENTS

1967 Summer Sessions Calendar	Inside Cover
Accreditation	2
Short Sessions	7
Arts and Sciences	7
Education	8
Health Education	8
Physical Education	10
Recreation Education	10
Admission to Summer Study	11
Academic Regulations and Procedures	12
Fees and Expenses	15
Announcements	16
Advisement on Campus	19
Registration by Mail	19
Undergraduate Accelerate Programs	20
The Graduate Division	21
Admission to Study	22
Matriculation	22
Credit Requirements for the Master's Degree	22
Elementary Education	24
Graduate Curricula	24
Health, Physical and Recreation Education	26
Secondary Education	26
Description of Courses	31
Division of Arts and Sciences	32
Division of Education	50
Division of Health, Physical Education and Recreation ..	56
Faculty	61
Index	69
Application for Admission to Summer Session	71



Fishing on Canandaigua Lake, upper left; Keuka Lake, upper right; vineyard overlooking Keuka Lake, bottom.

New York State Department of Commerce photographs.



Short Sessions

Note: The courses listed below are being offered provisionally during the summer sessions and the College reserves the right to cancel any class in which the enrollment is less than ten students. It is possible that additional short courses will be scheduled after this catalog has gone to press.

Complete course descriptions will be found in the appropriate departmental listing in this catalog. Please consult such listings for room designations, instructors and call numbers.

In Arts and Sciences

Art 221, Drawing I

Art 537, Watercolor Painting I

Art 538, Watercolor Painting II

Art 550, Individual Problems in Art I

The above courses will be offered at our Adirondack Outdoor Education Center at Raquette Lake. Students will be expected to enroll in any two of the four courses for a total of four semester hours. Additional information is available from the Summer Sessions office.

August 14 to August 30	all day	2 semester hours
Biology 407g, Field Biology		
July 19 to August 9	all day	3 semester hours
Outdoor Education Center, Raquette Lake		
Biology 515, Taxonomy of Vascular Plants		
June 28 to July 18	1:30-4:30	3 semester hours

Biology 537, Independent Research		
July 19 to August 9	all day	3 semester hours
Outdoor Education Center, Raquette Lake		
English 412g, The Concord Writers		
June 28 to July 18	9:00-12:00	2-3 semester hours
English 576, Special Problem in Literature: Faulkner		
August 10 to August 30	9:00-12:00	3 semester hours
Speech-Theatre 195, Fundamentals of Speaking		
August 10 to August 30		3 semester hours
	Section I: 9:00-12:00	
	Section II: 1:30- 4:30	

In Elementary Education

Education 535, Television Teaching		
June 28 to July 18	9:00-12:00	3 semester hours
Education 562, Institute in Elementary Education		
Section I — "The Newspaper as an Educational Agency and Tool"		
July 19 to August 9	9:00-12:00	3 semester hours
Section II — "The Educational Uses of Programming"		
August 10 to August 30	9:00-12:00	3 semester hours
Education 680, Elementary School Principalship I		
July 19 to August 9	9:00-12:00	3 semester hours
Education 681, Elementary School Principalship II		
July 19 to August 9	9:00-12:00	3 semester hours
Education 688, Comparative Education		
August 14 to September 1	9:00-12:00	3 semester hours

In Health Education

Health Education 471, Driver and Traffic Safety Education I		
First course in sequence required for approval of driver education teachers in high school. Driving experience and New York State operator's permit required. Secondary school certification necessary.		
June 19 to June 30	9:00-12:00	2 semester hours
July 31 to August 11	1:30- 4:30	2 semester hours

Health Education 472, Driver and Traffic Safety Education II

Second course in sequence required for approval to teach driver education in New York State. Driving experience and New York State operator's permit required.

July 3 to July 14 1:30-4:30 2 semester hours

August 14 to August 25 1:30-4:30 2 semester hours

Health Education 512, Workshops in Mental Health

Section I — Mental Health

June 29 to July 13 1:30-4:30 2 semester hours

Section II — Family Life (Sex) Education

July 17 to July 28 1:30-4:30 2 semester hours

Health Education 514, Workshop in the Health Sciences

Water Pollution

August 28 to September 1 all day 1 semester hour

SUNY Atmospheric Science Research Center, Whiteface Mountain

Health Education 516, Workshops in Drug Studies

Section I — Drug Alcohol

June 29 to July 13 1:30-4:30 2 semester hours

Section II — Man's Use of Tobacco

July 17 to July 28 1:30-4:30 2 semester hours

Section III — Drugs in Our Society

July 31 to August 11 1:30-4:30 2 semester hours

Health Education 541, Workshops in Air Pollution

August 14 to August 19 all day 1 semester hour

August 14 to August 25 all day 2 semester hours

SUNY Atmospheric Science Research Center, Whiteface Mountain

Health Education 571, Advanced Driver Education

July 17 to July 28 9:00-12:00 2 semester hours

Health Education 580, School Nurse Teaching I

July 17 to July 28 9:00-12:00 2 semester hours

Health Education 581, School Nurse Teaching II

July 31 to August 11 9:00-12:00 2 semester hours

Health Education 582, School Nursing I

June 28 to July 18 9:00-12:00 3 semester hours

Health Education 583, School Nursing II

July 19 to August 9 9:00-12:00 3 semester hours

Health Education 584, Family Case Work I

July 31 to August 11 1:30-4:30 2 semester hours

Health Education 585, Family Case Work II — Field Studies

August 14 to August 25 TBA 2 semester hours

In Physical Education

Physical Education 532, Activity Program Clinic — Basketball		
August 14 to August 25	3:00-6:00	2 semester hours
Physical Education 534, Activity Program Clinic — Track and Field		
July 3 to July 14	1:30-4:30	2 semester hours
Physical Education 535, Activity Program Clinic — Wrestling		
July 31 to August 11	3:00-6:00	2 semester hours
Physical Education 538, Activity Program Clinic — Gymnastics		
July 17 to July 28	1:30-4:30	2 semester hours
Physical Education 539, Activity Program Clinic — Volleyball		
July 31 to August 11	3:00-6:00	2 semester hours
Physical Education 570, Activity Program Clinic — Elementary School		
Physical Education		
August 14 to August 25	3:00-6:00	2 semester hours
Physical Education 693, Directorship Seminar I		
June 28 to July 18	8:00-12:00	4 semester hours
Physical Education 694, Directorship Seminar II		
July 19 to August 9	8:00-12:00	4 semester hours

In Recreation Education

Recreation Education 525, Activity Program Clinic — Bait and Fly Casting		
June 28 to July 12	all day	2 semester hours
Outdoor Education Center, Raquette Lake		

State Education Department Summer Institutes

This college has submitted a number of summer institute proposals to the State Education Department for its consideration. It will not be known which proposals will be accepted and sponsored by the State Education Department until the month of March. Persons interested in summer institutes should contact the Summer Sessions Office at that time to obtain a listing of State Education Department summer institutes to be held at Cortland.

Admission to Summer Study

All applications for summer study should be addressed to the Director of Summer Sessions. They then will be forwarded to the appropriate offices for action.

Undergraduate students who are candidates for a degree at some other college and who wish to take specific courses at Cortland to be transferred to the other college should have a statement from the dean of the college concerned which will indicate the approval of courses to be transferred. A blank for this purpose is provided at the rear of this catalog.

Other undergraduate students who wish to attend Cortland for the first time during the 1967 summer sessions must apply for admission through the College Admissions Office. Since this process takes time it is urged that such students proceed at once to obtain the necessary information from the Admissions Office.

Any graduate student attending this college for the first time in the 1967 summer session must support his application with a copy of his undergraduate transcript. A letter from the State Education Department stipulating courses needed to meet certain certification requirements is also helpful for advisement purposes.

All students should use the registration packet which is enclosed with this catalog. Additional packets can be obtained by writing to the Office of Summer Sessions. While advance registration can be completed by mail (see closing dates on page 19) it is urged that students take advantage of advisement on the campus at Cortland according to the schedule given on page 19.

Finally, *admission to summer study does not constitute admission to a degree program at the college.*

Academic Regulations and Procedures

Student Responsibility

During the summer sessions the principles and regulations governing course work and credit which are printed in the regular College catalog remain in force. The College expects those who are admitted to carry out their responsibilities as students so that their work is a credit to themselves and to the College. Hence, the College reserves the right to terminate the enrollment of any student whose conduct or academic record is unsatisfactory to the College officials.

Cancellation of Classes

The College expects to offer all regular classes scheduled. However, if enrollments in some classes are as low as ten students, the College reserves the right to cancel such classes and adjust the programs of students affected.

Grades and Standards

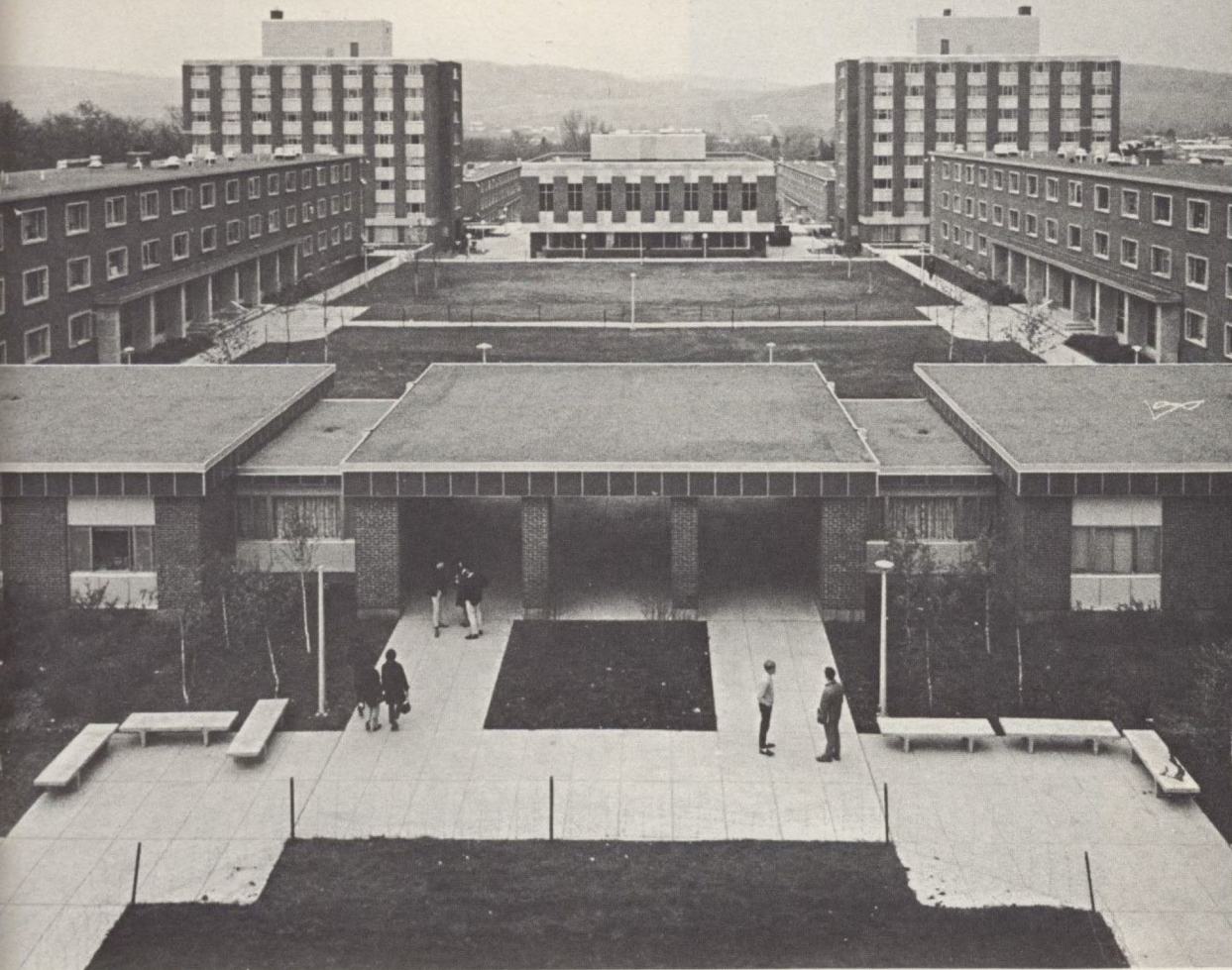
During the summer sessions the same standards and marking system as employed during the regular college year and described in the general College catalog will be used.

Final grades will be mailed directly to the students at the close of the summer sessions.

Transcripts

One free transcript will be furnished to each graduate after commencement and additional transcripts may be purchased at \$1 at any time. Graduate students will receive one free transcript at the close of each summer session or academic year.

Requests for transcripts of undergraduate courses should be sent to the Registrar's Office while graduate transcripts should be requested from the Office



Residence halls at Cortland.

of Graduate Studies and Research. Requests should be accompanied by the sum required with checks made payable to State University College at Cortland.

The College reserves the right to deny a transcript to any person who is delinquent in any obligation to the College.

Maximum Course Load

In general, a full schedule of courses will be interpreted as six semester hours in a six-week session (exclusive of physical education activities), and students carrying such a load will not be permitted to take any other courses in an *overlapping* six-week session, or any short session during that six-week period. Any exception to the above regulation will have to be requested of, and approved by, the major division dean.



Students in field studies at Outdoor Education Center, Raquette Lake, upper left; dormitory, upper right, and air view of Raquette Lake facilities, directly above.

Fees and Expenses

State University of New York has established tuition and college fees for summer sessions, as indicated below:

Tuition, per semester hour of credit	
For undergraduates (New York State resident)	\$13.50
For undergraduates (out-of-state)	20.00
For all graduate students	20.00
State University Fee	
For each summer session student, per semester hour of credit \$.85
College charges for the summer include:	
College Activity Assessment, per student enrolled in:	
Summer Session I	2.00
Summer Session II	4.00
Summer Session III	2.00
Short Session only, each	1.00
Graduation Charges, for students in final term of work:	
A. Candidates for the bachelor's degree	12.00
B. Candidates for the master's degree	14.00
Late Registration Charge	5.00

Refunds

Students withdrawing from the College or reducing the number of hours for which they are registered are entitled to a refund of tuition paid according to the schedule listed below. The State University fee and Late Registration fee are not refundable. Application for withdrawal must be filed with and approved by the Summer Sessions Office within one week of the last class attended in order to be eligible for a refund. Saturday of the week in which the first class session occurs shall be deemed the end of the first week for refund purposes. Tuition refund for short sessions will not be made after the first day of classes.

Last Class Attended During	Percent of Tuition Refunded
First Week	100%
Second Week	30%
Third Week	0%

Announcements

Student Health Service

During the summer, health services will be furnished at the James M. McDonald Student Health Center at 60 Tompkins Street. Health service at the College is of two types: a) an out-patient department provides for the everyday routine needs of ambulatory patients through regular daily clinic hours and b) an in-patient department or infirmary provides for those patients needing bed rest and more intensive care.

For serious illness, major surgery and specialist care, students are hospitalized in the Cortland Memorial Hospital under the care of any local physician of the patient's choice. These physicians work in close cooperation with the College physicians and the College Health Service. All expenses incurred with local or non-College physicians and hospitals must be borne by the student. Regular students who are enrolled in the Student Accident and Sickness Program are covered within the terms of their policies for medical and hospital care through August 31.

Residence for Students

During the summer the College residence halls are open to both graduate and undergraduate students.

Undergraduate regulations, as outlined in the *Student Handbook*, are in force during Summer Sessions with the exception of those rules covering women's hours. During the summer graduate and undergraduate residence halls for women are locked at midnight except on Fridays when the time is 1 a.m. and Saturdays when the time is 2 a.m. Graduate women and women over 21 years of age are not subject to the established closing hours. Seniors and second semester juniors also are exempt from the closing hours if they have met the following criteria: a) have a 2.0 cumulative average, b) have a 2.0 average the previous semester, c) have filed a "parental consent" form in the Dean of Women's Office and d) are not on "conduct probation."

A limited number of apartments and rooms in private houses are available through the Office of the Director of Housing.

Information concerning summer housing arrangements can be secured from the Director of Housing.

Veterans' Benefits

Students who are eligible to study at Cortland under Public Law 634 should file VA Form 225490, "Application for Program of Education and Training," with the Veterans Administration. This should be done in advance of the opening of the summer session. The veteran must report to the College Veterans' Office in Room 115, Main Building, during the registration period with his "Certificate of Eligibility," VA Form 2151993A.

Persons eligible for Child of Veteran's Benefits are also to report to Room 115.

The Veterans Administration determines all policies governing the administration of the law. Technical questions should be referred to the nearest Regional Office of the Veterans Administration.

Veterans pay fees when due as do all other students.

War Service Scholarships

War Service Scholarship recipients should notify the College Business Office of such scholarships before the official opening registration date of the summer session. If no notification is received by the Business Office, no exemption from payment of fees can be granted. All scholarship transactions are handled through the College Business Office.

The College Store

The College Store, located in Neubig Hall, sells textbooks and miscellaneous college supplies.

Placement Services

The services of the Placement Office are available, without cost, to members of the Senior Class. Graduates are required to pay a "service charge" annually to remain "active" with this office. The Placement Office compiles credentials and assists candidates for professional positions in the fields of education, industry, business and government.

This office also provides information to seniors and alumni interested in planning graduate school programs.

Library Facilities

The Cortland College Memorial Library is located near the center of the campus and has 48,000 square feet of space providing for almost 800 seats and 200,000 printed volumes. At present the library has a rapidly growing collection of over 147,000 printed and 55,000 microtext volumes and subscribes to 900

periodicals and newspapers. A Teaching Materials Library in the Education Building has some 17,000 items among its holdings of professional methods sources. The Campus School Library contains about 9,500 books and a selection of periodicals suitable for elementary and junior high school students.

Recreation and Special Events

Many recreational facilities are available in the College and in the community of Cortland. These range from sports such as swimming and golf to cultural activities such as music and drama. The College, through a committee of students and faculty members, plans a program of picnics, luncheons, discussions and lectures.

Several summer theatres are within easy driving distance. This summer, as in past summers, groups of students with a common interest may organize special theatre groups.

Special workshops and seminars bring to the campus outstanding speakers in their special fields. Many of the lectures are open to all College students.

A Varied Summer Program

The 1967 summer sessions offer more than a hundred courses for the professional and cultural development of students and teachers. In addition to this the College has scheduled numerous special workshops, institutes, and short sessions ranging from two to three weeks. This enables a student a very wide range of choice. He may enroll for one course for six weeks and supplement this selection by choosing one or more of the special shorter sessions. By selecting two consecutive short sessions a student can arrange a full-time program of units of intensive study.

Student Parking

Due to the large amount of construction under way on the College campus, student parking will be at a premium during the 1967 summer sessions. There is a large parking lot available for student use at College Field with the entrance located on Tompkins Street. Shuttle bus service will be provided to enable students to reach classroom buildings easily. Students intending to commute daily should make every effort to set up "car pools." Students with physical disabilities who believe they should receive special attention should consult with the Security Office, 18 Broadway. Traffic regulations similar to those in effect during the regular College year apply to the summer session.

Advisement on Campus

To facilitate registration the following dates have been established for advisement on campus:

Graduate Students and	}	May 6 9:00-12:00
In-Service Teachers		May 20 9:00-12:00
Undergraduate Students		By appointment with adviser

A student having an assigned adviser should make arrangements well in advance to meet his adviser on one of the above dates.

Students having no adviser should report to the Office of Summer Sessions on one of the aforementioned dates for proper routing to advisers.

Registration by Mail

This summer it will be possible again for properly qualified students to complete advisement and subsequent registration in courses, including payment of tuition and fees, by mail. In order to allow adequate time for advisement action, reservation of class cards and billing procedures, all registration packets must be received at the College according to the following timetable:

<i>SESSION</i>	<i>PACKETS TO BE RECEIVED BY</i>
Summer Session I (including short sessions, between June 7 - July 18)	Friday, May 12.
Summer Session II (including short sessions, between June 28 - August 9)	Friday, June 9.
Summer Session III (including short sessions, between July 19 - September 1)	Friday, June 30.

Students will be considered to be properly enrolled in classes only if they have received a billing from the Business Office and have paid in full according to the following schedule:

<i>SESSION</i>	<i>BILL TO BE PAID BY</i>
Summer Session I	Friday, June 2
Summer Session II	Friday, June 23
Summer Session III	Friday, July 14

Students who pay their bills according to the schedule above need not appear on campus for registration proceedings, but will report directly to the first meeting of their classes.

Persons registering only in short sessions may register in advance by mail or on the first day that the class meets, without payment of a late registration fee.

Undergraduate Accelerate Programs

Students may elect to complete their regular four-year college course in three calendar years by attending three academic years and three summer sessions. The dean of the appropriate division of instruction determines eligibility to enter and to remain in any accelerate program.

Bachelor of Science Program for In-Service Teachers

Graduates of two-year and three-year Normal School programs and holders of certain types of teaching certificates, issued by the New York State Education Department, are eligible for admission to the bachelor of science degree program at this college.

Applicants who are not graduates of Cortland's former two- or three-year Normal School program must have certified photostatic copies of their certificate and official transcripts of courses completed at other colleges on file at this college before action can be taken on the application for admission to the degree program.

Correspondence concerning the completion of requirements leading to the bachelor of science degree should be addressed to the Assistant Dean, Division of Education.

Facilities of the College

All the facilities of the College, which serve over three thousand students during the regular year, will be available for the summer sessions. Thus classrooms, conference rooms, laboratories, housing units and food services will be provided in accord with the summer needs. The College will operate the campus elementary school so that students in the early stages of teacher preparation may observe and participate in the process of teaching.

In a summer session the most important facility is the faculty of competent educational leaders. The staff includes people chosen from the regular College faculty and visiting professors who have been selected for a particular service. At Cortland, the summer staff is generally available for counsel on problems that fall within their own areas of specialization.

Division of Graduate Studies and Research

Graduate courses leading to the degree of Master of Science in Education are offered by the College at Cortland. Graduates from accredited colleges wishing to enroll in graduate courses should apply in person or by mail to the Office of Graduate Studies and Research.

Graduate Curricula

Curricula leading to the degree of master of science in education are offered in the following fields:

- Elementary Education

- Health Education

- Physical Education

- Recreation Education

- Secondary Education in:

 - English, French, Mathematics, Social Studies

 - Biology and General Science

 - Chemistry and General Science

 - Earth Science and General Science

 - Physics and General Science

General requirements for each of the above curricula with one exception* include:

- Professional Education

6 Sem. Hr.

- Specialization and Supporting Areas

18-20 Sem. Hr.

- Electives

6-8 Sem. Hr.

*Elementary Education

Admission and Matriculation*

Admission to graduate study is based upon the following:

1. Possession of a baccalaureate degree from an approved institution with an appropriate background for the field of graduate study.
2. Submission of official transcripts of all college work, both graduate and undergraduate. No transcript is required for work completed at Cortland.
3. Completion and filing of necessary forms in the Office of Graduate Studies and Research.
4. Taking the Graduate Record Examination. Scheduled dates are available in the Office of Graduate Studies and Research.
5. Health examination reported on blank furnished by the College.

Candidacy for the degree of master of science in education.** Candidacy for the degree is based upon the following requirements:

1. Provisional certification in New York State or equivalent preparation as determined by the Division in which the student is enrolling (except in the Elementary Education curriculum for those having little or no preparation in professional education).
2. Satisfactory performance on the Graduate Record Examination.
3. Completion of at least six semester hours of work on campus with marks of A or B.
4. Recommendation of the Department in which the candidate will specialize.

Standards for the Award of the Degree

The following standards have been set for the award of the degree:

1. A minimum quality-point average of 2.8 in all graduate work including courses that may not be counted toward the degree. No grade below C will be counted toward the degree.
2. A minimum of sixteen semester hours must be taken in courses at the 600 level and at least sixteen hours must be completed after official candidacy for the degree has been established.
3. All graduate work must be completed on the campus at Cortland (see Extension Courses and Transferred Courses, Page 23).

*Indicates enrollment in an approved degree program, but not candidacy for the degree.

**When the student has fulfilled the above academic requirements, he should request his adviser to proceed to establish his candidacy.

4. Satisfactory performance on a written comprehensive examination in the field of specialization.
5. The final sixteen semester hours of work and the comprehensive examination must be completed during the three years immediately preceding the award of the degree.
6. The degree program shall include a minimum of thirty semester hours of graduate study approved by the department of specialization and the Office of Graduate Studies and Research.
7. A thesis prepared under the guidance of the department of specialization, and subject to the standards set by the Office of Graduate Studies and Research may be substituted for six semester hours of the required program.

Advisement of Graduate Students

Each student is assigned an adviser who is appointed jointly by the Office of Graduate Studies and the department of specialization. The adviser must give prior approval for any course that is to be used in fulfilling the requirements for the graduate degree. In the event an adviser is not available the student should confer with the dean of the division in which the program falls. All inquiries and correspondence relative to courses and curricula should be directed to the adviser. All other correspondence should be sent to the Dean of Graduate Studies and Research.

Extension Courses and Transferred Courses

Not more than eight semester hours of graduate work may be taken in off-campus extension or transferred from another institution. Since all such courses must fit into the curricula at this College, prior approval by the adviser must be obtained.

Completion of the Program

When the program is presumed to be completed the adviser will recommend to the Dean of Graduate Studies and Research the approval for the award of the degree. Graduate degrees are awarded at the annual commencement in June. The list is prepared in March and it is the student's and adviser's joint responsibility to see that all eligible persons are placed on the list. The degree fee of \$14 should be paid by February 1 by check made payable to the Faculty-Student Association and sent to the Office of Graduate Studies and Research.

Assistantships

Graduate assistantships are available in the various disciplines for a few, well-qualified, full-time students. Assistants will be awarded approximately \$2,000 per college year plus tuition waiver. Applications for assistantships must be received no later than April 15 for the following academic year. Application forms may be obtained from the Office of Graduate Studies and Research.

Graduate Record Examination

The Graduate Record Examination is required before a graduate student may become a candidate for the master's degree. It is given in specific colleges and universities throughout the country on dates which are announced in the early fall of each year. Graduate students should take both sections of the Graduate Record Examination: the Aptitude Test which is given in the morning session, and the Advanced Test in one's discipline which is given in the afternoon of the same day. The fee for the Aptitude Test is \$7; for one Advanced Test, \$8, or when both are taken on the same day, \$12. For complete information, test dates, fees and locations of the Graduate Record Examination, write to the Office of Graduate Studies and Research.

The Graduate Record Examination (both the aptitude and the advanced test sections) *will be required of all students prior to seeking admission* to courses for graduate credit, either in a degree program or a non-degree program, *beginning September 1, 1967.*

Graduate Curricula

Leading to the
Degree of Master of Science in Education
and
Permanent Certification

Elementary Education

(For students with an undergraduate major or equivalent in elementary education)

I. Professional Education

semester hours

15 to 20

- A. An advanced course in social or psychological foundations of education

3

B. Professional concentration in one area of:

Educational psychology, curriculum, social foundations or reading
(nine semester hours must be at the 600 level) 12

II. Electives in Academic Areas

12 to 17

A total of thirty semester hours of undergraduate and graduate work must be earned in one of the fields: English, fine arts, mathematics, science or social studies.

Elementary Education

(For those holding baccalaureate degrees with little or no background in professional education)

semester hours

I. Liberal Arts (in undergraduate and graduate work)

90

A. Ninety semester hours in the liberal arts including:

1. Twelve semester hours in each of these three fields: the humanities, the natural sciences and mathematics, the social sciences.
2. In addition, a minimum of thirty semester hours of study (at least six of which must be in graduate level courses) in a department or a planned interdepartmental program of liberal arts studies.

II. Professional Education

A. Educ 490 Student Teaching

14

This course is in addition to the thirty-two semester hours required for the degree of master of science in education and will not count for graduate credit.

B. Completion of a minimum of twenty-six semester hours of study in professional education to include the following.

semester hours

1. Sociological, philosophical and historical foundations of education 3
2. Educational and development psychology 6
3. Instructional methods and materials including Educ 526 (3 hrs.) 9
4. Chosen from and in addition to the requirements in 1, 2, and 3, above or additional supervised instructional experience 8

Health Education or Physical Education or Recreation Education

	semester hours
<i>I. Professional Education</i>	6
A. Professional Seminar in the Literature and Research of Specialization*	3
B. An advanced course in social or psychological foundations of education	3
	semester hours
<i>II. Specialization* and Supporting Area**</i>	18 to 20
A. In Specialization must include:	12-14
1. One course in curriculum	3
2. One course in evaluation or research	3
B. In Supporting Area	6
	semester hours
<i>III. Electives in Academic Areas</i>	6 to 8

Secondary English

	semester hours
<i>I. Professional Education</i>	6
A. Seminar in Teaching Secondary English	3
B. An advanced course in the social or psychological foundations of education	3
	semester hours
<i>II. Specialization and Supporting Areas</i>	18 to 20
A. Studies in Chaucer or in Milton	3
B. Seminar in Theories of Criticism	3
C. History of the English Language	9-11
	semester hours
<i>III. Electives</i>	6-8
<i>IV. Competency at the Intermediate Level in a Modern Foreign Language or a Classical Language</i>	
Two years of undergraduate or equivalent study meets this requirement.	

Secondary French

	semester hours
<i>I. Professional Education</i>	6
A. Professional Seminar in the Teaching of Secondary Foreign Languages	3

*Specialization in one of the fields of Health Education, Physical Education or Recreation Education.

**Supporting area is one closely related to the field of specialization.

- B. An advanced course in the social or psychological foundations of education 3

semester hours

II. Specialization and Supporting Areas

18 to 20

A. French Poetry 3

B. French Fiction 3

C. French Theater 3

D. Independent Work 2-4

E. Electives in French 5-9

semester hours

6 to 8

III. Electives

Secondary Mathematics

semester hours

I. Professional Education

6

A. Seminar in Teaching Secondary Mathematics 3

B. An advanced course in social or psychological foundations of education 3

semester hours

II. Specialization and Supporting Areas

18 to 20

A. Foundation of Mathematics, or 3

B. Symbolic Logic 3

C. Linear Algebra or Higher Algebra 3

D. Analysis* 0-3

(Advanced Calculus I must be included)

E. Geometry* 0-6

(two courses)

F. Probability and Statistics* 0-6

(two courses)

semester hours

6 to 8

III. Electives

Secondary Science

semester hours

I. Professional Education

6

A. Seminar in Teaching Secondary Science 3

B. An advanced course in social or psychological foundations of education 3

*These requirements may be met in whole or in part in the undergraduate sequence.

	semester hours
II. Specialization and Supporting Areas	18 to 20
A. History and literature of science	3
B. Seminar in area of specialization selected from biology, chemistry, geology or physics	2
C. Electives in science	13-15
At least six hours must be taken in one area of biology, chemistry, geology or physics	

III. Electives	semester hours
	6 to 8

Secondary Social Studies

I. Professional Education	semester hours
A. Seminar in Teaching Secondary Social Studies	6
B. An advanced course in social or psychological foundations of education	3
	3
II. Specialization and Supporting Areas	semester hours
	18 to 20
A. Methodology and techniques of social science research	3
B. Seminar in area of concentration selected from economics, geography, history, political science or sociology	3
C. Electives in social sciences	12-14
Twelve hours must be taken in one area of economics, geography, history, political science or sociology	
III. Electives	semester hours
	6 to 8

Additional Degree Programs

Approval is being sought for the graduate programs listed below as this catalog goes to press:

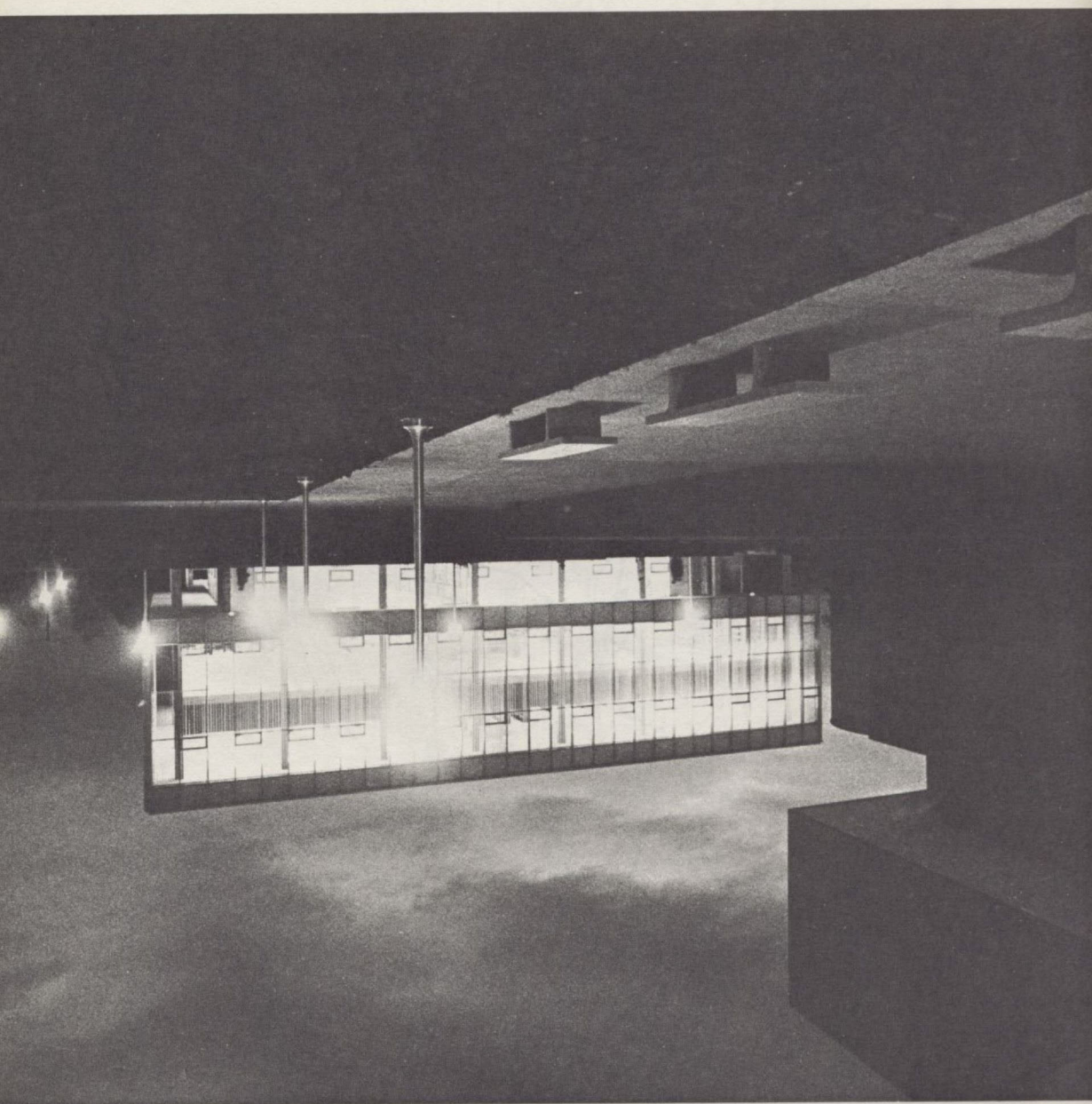
M.A. in English

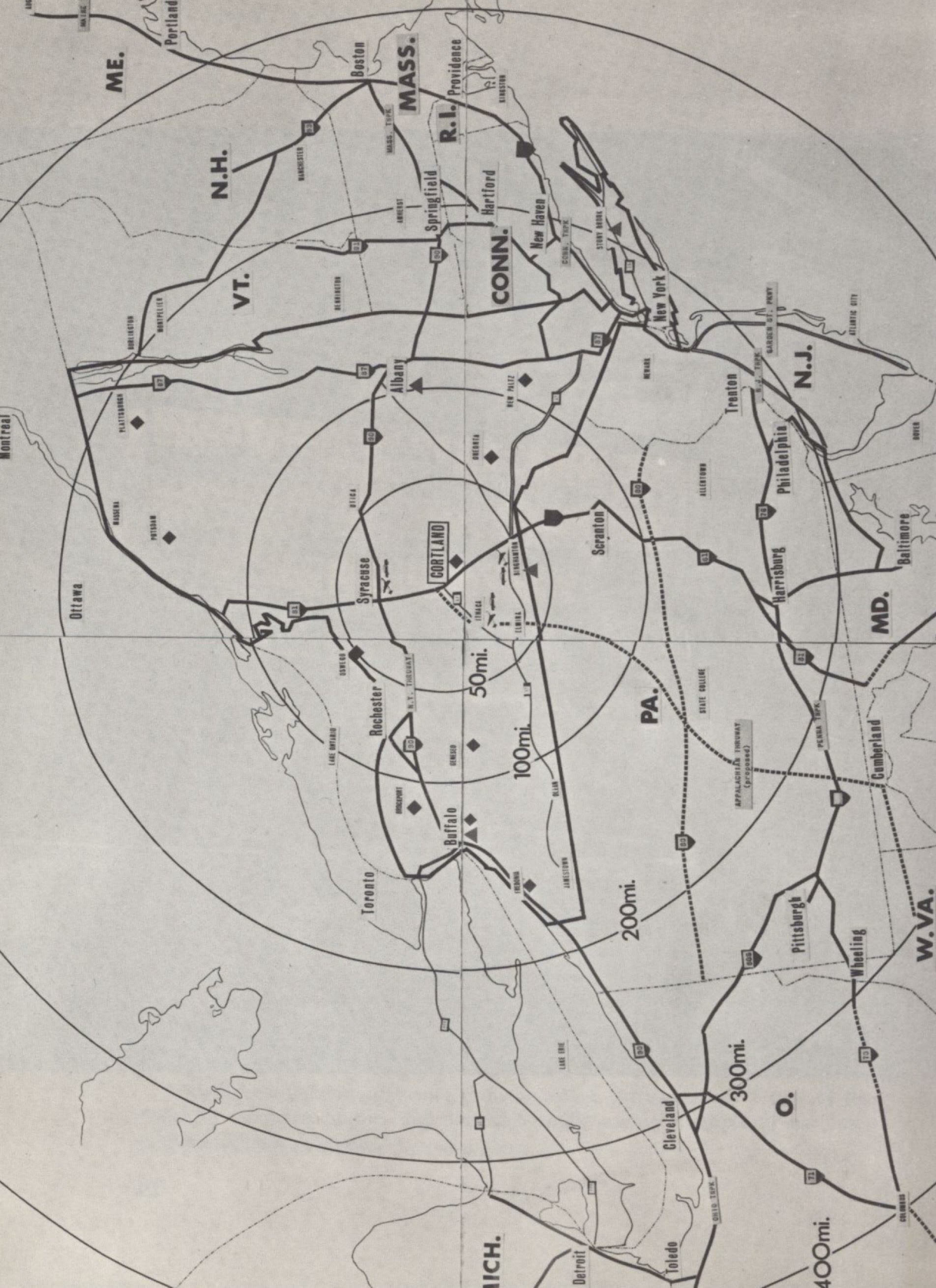
M.A. in Teaching English

M.S. in Education — Speech Education

M.A. or M.S. in Psychology

Students interested particularly in the above curricula should contact the Office of Graduate Studies and Research to determine if approval has been granted for these programs.





Description of Courses

The following courses are being offered during the 1967 summer sessions. The credit hours, call number, instructor, room location, time schedule and duration of course are printed with the course descriptions. Summer Sessions I, II, or III are six weeks in length. Refer to the summer sessions calendar on the inside cover of this catalog for specific dates.

Courses are grouped by departments within divisions, with lower level courses listed first in order.

Key to the Numbering System

Courses numbered from 100 to 399 are open to all undergraduate students. Courses numbered 400 to 599 are open to upper classmen and graduate students.* (Only a limited number of hours at the 400 to 599 level can be credited toward a master of science degree. See catalog section on The Graduate Program.) Courses numbered 600 to 699 are open to graduate students only.

Building Code Designation

C	Classroom Building (Old Administration Building)
CTS	Courts (Tennis)
D	Education Building — D Wing
F	Fine Arts Building
L	Learning Resources Center
MAR	Men's Activity Room — HPER Building
MG	Men's Gym — HPER Building
P	HPER Building
S	Science Building
STBL	Stables
WAR	Women's Activity Room — HPER Building
WG	Women's Gym — HPER Building

*Only courses at 400 level followed by a "g" (e.g., 422g) are open to graduate students.

DIVISION OF ARTS AND SCIENCES

ART

Art 211: BACKGROUNDS (3 sem. hr.) IN ART

Study of basic art principles and concepts together with their historic development as shown through design in the visual art forms. Readings, visual materials and essential experimentation will be used to give meaning to artistic creativity. Prerequisite: None.

S. S. I 9:00-10:15
Room: F203 Jessiman Call: 107-01

Art 221: DRAWING I (2 sem. hr.)

Introduction to methods and techniques of drawing. A series of basic graphic problems are presented designed to develop visual perception. Prerequisite: None. To be held at Outdoor Education Center, Raquette Lake.

2½ weeks (8/14-8/30) TBA
including Saturdays Atcheson Call: 108-01

Art 417g: 20TH CENTURY (3 sem. hr.) PAINTING

Painting developments in Europe and America from the turn of the century to the present day. Prerequisite: None.

S. S. II 10:30-11:45
Room: F222 Stell Call: 109-01

Art 511: CONTEMPORARY (3 sem. hr.) ART

Masterpieces which reflect current thinking and practices in the field of art. Special emphasis given to works of American and European artists, architects and craftsmen. Prerequisite: None.

S. S. II 12:00-1:15
Room: F226 Schenker Call: 110-01

Art 537: WATERCOLOR PAINTING I (2 sem. hr.)

Experimentation with watercolor medium for personal expression. Transparent and opaque aspects of the medium will be explored. Prerequisite: None. To be held at Outdoor Education Center, Raquette Lake.

2½ weeks (8/14-8/30) TBA
including Saturdays Pimlott Call: 112-01

Art 538: WATERCOLOR PAINTING II (2 sem. hr.)

Emphasis on individual research and experimentation in watercolor medium. Prerequisite: Art 537. To be held at Outdoor Education Center, Raquette Lake.

2½ weeks (8/14-8/30) TBA
including Saturdays Pimlott Call: 113-01

Art 541: ART AND THE CHILD (3 sem. hr.)

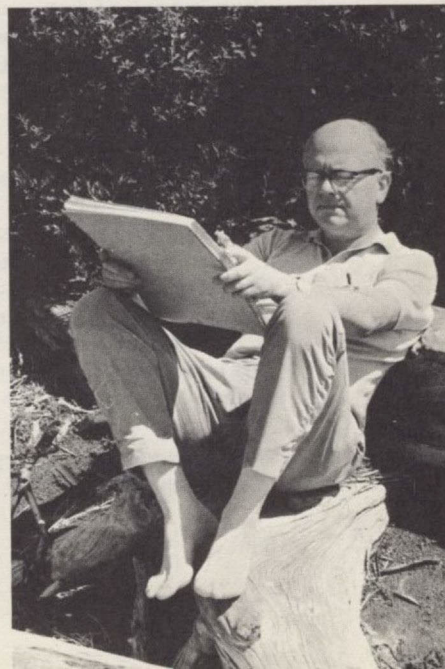
Designed to provide competencies needed to develop and conduct a program of art activities at the elementary school level. Generally available only to upperclass and graduate elementary education majors. Cannot be taken to satisfy the Fine Arts concentration requirements. Prerequisite: None.

S. S. II 9:00-10:15
Room: F222 Kuhn Call: 114-01

Art 550: INDIVIDUAL PROBLEMS IN ART I (2 sem. hr.)

Research or experimentation in an area of the visual arts or art history. Prerequisite: Consent of the department. To be held at Outdoor Education Center, Raquette Lake.

2½ weeks (8/14-8/30) TBA
including Saturdays Atcheson Call: 115-01



BIOLOGY

Biol 101: INTRODUCTORY (3 sem. hr.) ZOOLOGY

Basic laws, principles and theories of animal biology. The nature and interpretation of life; type studies of increasingly complex forms of animal life; man's application of biological discoveries. Prerequisite: None. Lab on alternate days beginning on M, W, F.

S. S. III 7:30-8:45
Lab: 12:00-3:00
Room: Lec.: S122 Spence Call: 116-01
Lab.: S225

Biol 111: PRINCIPLES OF (3 sem. hr.) BIOLOGY II

A continuation of Principles of Biology I. Prerequisite: Biol 110 or equivalent. Lab on alternate days beginning on M, W, F.

S. S. I 7:30-8:45
Lab: 1:30-2:45
Room: Lec.: S122 Houck Call: 118-01
Lab.: S228

Biol 407g: FIELD BIOLOGY (3 sem. hr.)

Field observation and identification of plants and animals in various ecological situations. Prerequisite: One semester of biology. To be held at Outdoor Education Center, Raquette Lake.

3 weeks (7/19-8/9) TBA
Waldbauer Call: 120-01

Biol 410g: PLANT (3 sem. hr.) PHYSIOLOGY

The living plant and its major life functions; growth, food-making, reproduction and ecological relationships. Prerequisite: Biol 204 or consent of department. Lab on alternate days beginning M, W, F.

S. S. II 7:30-8:45
Lab: 1:00-4:00
Room: Lec.: S125 Doney Call: 121-01
Lab.: S217

Biol 511: ORNITHOLOGY (3 sem. hr.)

Behavior, environmental relationships, classification and identification of birds, with special reference to birds of Central New York. Early morning field trips by prearrangements. Prerequisite: Three hours of biological science.

S. S. II 7:30-10:15
Room: S126 Gustafson Call: 122-01

Biol 515: TAXONOMY OF (3 sem. hr.) VASCULAR PLANTS

The morphological and phylogenetic bases of the classification of higher plants. Methods of collecting, identifying and preserving plants. Environmental relationships of local plants. Extended field trips by prearrangement. Prerequisite: Biol 204.

3 weeks (6/28-7/18) 1:30-4:30
Room S122 Waldbauer Call: 125-01

Biol 537: INDEPENDENT (2-3 sem. hr.) RESEARCH (FIELD PROBLEMS)

For graduate students and qualified seniors by permission of the department chairman. Prerequisite: 12 hours of biology. To be held at Outdoor Education Center, Raquette Lake.

3 weeks (7/19-8/9) TBA
Waldbauer Call: 126-01 (2 sem. hr.)
Call: 126-02 (3 sem. hr.)

Biol 601: SEMINAR IN (3 sem. hr.) BIOLOGICAL RESEARCH

Directed discussions and investigations by graduate students in topics of their choice. Meetings by arrangement. For graduate students in biology. Prerequisite: Undergraduate major in biology or by permission.

S. S. II 10:30-11:45
Room: S122 Schick Call: 123-01

**Biol 611: BIOLOGICAL (3 sem. hr.)
TECHNIQUES AND
MATERIALS**

Laboratory and field experience in collecting, identification, preservation and display of animal and plant specimens; practice in care and maintenance of living specimens

in captivity. Field trips by arrangement. Prerequisite: Undergraduate major in biology or by permission. Three hours per day for four days a week, lecture and lab combined.

S. S. II TBA
Room: Schick Call: 124-01

CHEMISTRY

**Chem 121: ELEMENTARY (3 sem. hr.)
CHEMISTRY I**

Basic concepts underlying chemical reactions. Application of chemical processes and materials to our lives. Not open to secondary science and liberal arts science majors. Prerequisite: None. Lecture and Lab combined.

S. S. I I 7:30-10:15
Room: Lec.: S106 Phillips Call: 127-01
Lab.: S20

**Chem 221: GENERAL (4 sem. hr.)
CHEMISTRY**

Atomic theory and structure and chemical bonding as applied to the behavior of matter. Kinetic theory, solutions and acid-base theories. For science majors or consent of department. Prerequisite: None. Lab on alternate days beginning M, W, F.

S. S. I 7:30-12:00
Room: Lec.: S124 Zipp Call: 128-01
Lab.: S24

**Chem 222: GENERAL (4 sem. hr.)
CHEMISTRY AND
QUALITATIVE
ANALYSIS**

Chemical equilibria and principles of qualitative analysis, the periodic system and group relationships. Prerequisite: Chem 221 or equivalent. Lecture and Lab combined. Lab on alternate days beginning M, W, F.

S. S. III 7:30-12:00
Room: Lec.: S324 Zipp Call: 129-01
Lab.: S24

**Chem 521: ORGANIC (4 sem. hr.)
CHEMISTRY I**

A systematic study of organic compounds, their structure, properties, relationships, synthesis and uses. Not open to students credited with Chem 321, Chem 322. Prerequisite: One year of general chemistry or consent of department. Lab on alternate days beginning M, W, F.

S. S. II 10:30-11:45
Lab.: 1:30-4:30
Room: Lec.: S125 McConnell Call: 130-01
Lab.: S27

Chem 523: BIOCHEMISTRY I (3 sem. hr.)

Compounds and reactions of biological importance, amino acids, nucleic acids, proteins, lipids, carbohydrates, vitamins. Enzyme systems, digestion, absorption and pathways of intermediary metabolism. Prerequisite: One semester of organic chemistry.

S. S. II 10:30-11:45
Room: S124 McConnell Call: 131-01

**Chem 527: INORGANIC (3 sem. hr.)
CHEMISTRY**

Atomic structure, elementary theories of bonding, metal complexes and acid-base theory, recent advances in inorganic chemistry. The descriptive chemistry of the less common elements and compounds. Prerequisite: Chem 525.

S. S. II 12:00-1:15
Room: S124 Phillips Call: 133-01

ENGLISH

Successful completion of (or exemption from) Eng 100 is prerequisite to all other courses in English. Successful completion of Eng 210 and 211 or Eng 270 and 271 is prerequisite to all advanced courses in literature. Students may take only one of these sequences in literature.

Eng 100: FUNDAMENTALS (3 sem. hr.) OF COMPOSITION

Study and practice of skills in writing, reading and documentation. Study of selected pieces of literature.

S. S. I		9:00-10:15
Room: C108	Gurewitch	Call: 172-01
S. S. II		10:30-11:45
Room: D313	Stokes	Call: 172-04
S. S. II		1:30-2:45
Room: C231	McCracken	Call: 172-02
S. S. II		1:30-2:45
Room: D313	Wilson	Call: 172-03

Eng 210: AMERICAN (3 sem. hr.) LITERATURE I

American literature from the beginning until 1885. Designed as an introduction to the study and criticism of American intellectual history and types of literature; the course also requires work in advanced composition based on the literature studied.

S. S. I		12:00-1:15
Room: C108	Gurewitch	Call: 173-01
S. S. II		9:00-10:15
Room: C231	Meyer	Call: 173-02

Eng 211: AMERICAN (3 sem. hr.) LITERATURE II

A continuation of American Literature I. American literature from 1885 to the present

with continued emphasis on advanced composition. Prerequisite: Eng 210.

S. S. II		10:30-11:45
Room: C300	D. Thomas	Call: 174-01
S. S. III		12:00-1:15
Room: F203	W. Thomas	Call: 174-02

Eng 355: MAJOR ENGLISH (3 sem. hr.) WRITERS TO 1780

Major English writers from Chaucer (in Modern English) to Johnson, including Shakespeare, Milton, Swift, Pope, Fielding; poetry, prose, drama, novel.

S. S. II		10:30-11:45
Room: D310	Rhodes	Call: 176-01

Eng 401g: INTRODUCTION (3 sem. hr.) TO LANGUAGE STUDY

The basic concepts, scope and methodology of the science of language. Principles of descriptive and historical linguistics. Survey of geographic, historical and social dialects of English.

S. S. II		10:30-11:45
Room: C129	Jacobson	Call: 178-01

Eng 412g: THE CONCORD (3 sem. hr.) WRITERS

Studies in Thoreau and Hawthorne.

3 weeks (6/28-7/18)		9:00-12:00
Room: C130	Burd	Call: 179-01

Eng 415g: THE AMERICAN (3 sem. hr.) NOVEL TO 1914

Representative novelists from James Fenimore Cooper to Theodore Dreiser.

S. S. II		7:30-8:45
Room: C130	D. Thomas	Call: 180-01

Eng 435g: SHAKESPEARE (3 sem. hr.)

The dramatic effectiveness, structure, characterization and poetry in a selected group of Shakespeare's major plays.

S. S. II 9:00-10:15
Room: F203 W. Thomas Call: 181-01

Eng 464g: MODERN RUSSIAN (3 sem. hr.)
LITERATURE
1860-1960

Representative works in translation of selected Russian writers, including the novel, short story and drama, and with special attention to Tolstoy, Turgenev, Dostoevsky, Chekhov and Pasternak.

S. S. II 10:30-11:45
Room: C301 Dodge Call: 183-01

Eng 470g: MODERN (2 sem. hr.)
POETRY

Studies in poetry since 1875 written in America, England and Ireland.

S. S. II 9:00-9:50
Room: D310 Rhodes Call: 184-01

Eng 539: MILTON (3 sem. hr.)
Milton's important poetry and prose.

S. S. II 12:00-1:15
Room: C129 Meyer Call: 185-01

Eng 576: SPECIAL PROBLEM (3 sem. hr.)
IN LITERATURE:
FAULKNER

Patterns of morality in selected stories and novels of William Faulkner.

3 weeks (8/10-8/30) 9:00-12:00
Room: C130 R. Clark Call: 186-01

Eng 600: ADVANCED (3 sem. hr.)
GRAMMAR AND
USAGE

Historical and social elements behind conflicting usages of current American English; problems of language learning and application of descriptive methods of observing language habits. (Students electing this course

this summer may substitute it for English 601, History of the English Language, in the requirements for the master's degree in Secondary English.)

S. S. II 1:30-2:45
Room: C129 Jacobson Call: 187-01

Eng 610: AMERICAN FOLK (3 sem. hr.)
LITERATURE

Advanced study in one or two special areas, such as New York Erie Canal lore, types of folk tales, work songs, American versions of British ballads, the use of folk material by American writers.

S. S. II 12:00-1:15
Room: C231 Thompson Call: 188-01

Eng 621: AMERICAN (3 sem. hr.)
WRITERS OF THE
TWENTIES

A projection of the literature of the 1920s in America against the cultural revolution of the period. Includes such writers as Fitzgerald, O'Neill, Sherwood Anderson, T. S. Eliot, E. E. Cummings, H. L. Mencken and Hemingway.

S. S. II 9:00-10:15
Room: C301 Dodge Call: 189-01

Eng 646: STUDIES IN THE (2 sem. hr.)
VICTORIAN ERA

Two or three major writers of England or Ireland in the Victorian Age. Prerequisite: A literature course which includes this period.

S. S. II 7:30-8:20
Room: C129 Malbone Call: 191-01

Eng 672: SEMINAR IN (3 sem. hr.)
THEORIES OF
CRITICISM

Study of important ideas of literary criticism, both historical and contemporary. Prerequisite: 6 hours of advanced courses in literature or consent of department.

S. S. II 9:00-10:15
Room: C129 Malbone Call: 193-01

FOREIGN LANGUAGES

FRENCH

Fren 102: BEGINNING (3 sem. hr.)
FRENCH II

Continuation of Beginning French I.
Readings of simple prose. Prerequisite: Fren 101 or one year of high school French or equivalent.

S. S. I 10:30-11:45
Room: C200 Alcorn Call: 500-01

Fren 201: INTERMEDIATE (3 sem. hr.)
FRENCH I

Oral practice, review of grammatical structure, reading and discussion of French prose. Prerequisite: Fren 102 or two years of high school French or equivalent.

S. S. I. 10:30-11:45
Room: C200 Alcorn Call: 501-01
S. S. III 10:30-11:45
Room: C200 Ives Call: 501-02

Fren 202: INTERMEDIATE (3 sem. hr.)
FRENCH II

Continuation of Intermediate French I.
Prerequisite: Fren 201 or three years of high school French or equivalent.

S. S. III 10:30-11:45
Room: C200 Ives Call: 502-01

GERMAN

Germ 112: BEGINNING (3 sem. hr.)
GERMAN II

Continuation of Beginning German I.
Readings of simple prose. Prerequisite: Germ 111 or one year of high school German or equivalent.

S. S. I 9:00-10:15
Room: C200 Ives Call: 505-01

Germ 211: INTERMEDIATE (3 sem. hr.)
GERMAN I

Oral practice, review of grammatical structure, reading and discussion of German

prose. Prerequisite: Germ 112 or two years of high school German or equivalent.

S. S. I 9:00-10:15
Room: C200 Ives Call: 506-01
S. S. III 9:00-10:15
Room: C200 Ives Call: 506-02

Germ 212: INTERMEDIATE (3 sem. hr.)
GERMAN II

Continuation of Intermediate German I.
Prerequisite: Germ 211 or three years of high school German or equivalent.

S. S. III 9:00-10:15
Room: C200 Ives Call: 507-01

SPANISH

Span 132: BEGINNING (3 sem. hr.)
SPANISH II

Continuation of Span 131 (Beginning Spanish I). Readings of simple prose. Prerequisite: Span 131 or one year of high school Spanish or equivalent.

S. S. I 7:30-8:45
Room: C200 Manson Call: 511-01

Span 231: INTERMEDIATE (3 sem. hr.)
SPANISH I

Oral practice, review of grammatical structure, reading and discussion of Spanish prose. Prerequisite: Span 131 or two years of high school Spanish or equivalent.

S. S. I 7:30-8:45
Room: C200 Manson Call: 512-01
S. S. III 7:30-8:45
Room: C200 Brown Call: 512-02

Span 232: INTERMEDIATE (3 sem. hr.)
SPANISH II

Continuation of Span 231 (Intermediate Spanish I). Prerequisite: Span 231 or three years of high school Spanish or equivalent.

S. S. III 7:30-8:45
Room: C200 Brown Call: 513-01

GEOGRAPHY

Geog 300: GENERAL (3 sem. hr.) GEOGRAPHY

Basic geographic principles through the study of the interplay of human activities and the natural environment, as it affects cultural and economic patterns. Prerequisite: None.

S. S. III 9:00-10:15
Room: L315 Brownell Call: 191-01

Geog 301: INTRODUCTION (3 sem. hr.) TO GEOGRAPHY: PHYSICAL

Patterns of the physical elements of the landscape, their interrelationships and how they differ from place to place. Prerequisite: None.

S. S. II 10:30-11:45
Room: C106 Heppell Call: 192-01

Geog 460g: GEOGRAPHY OF (3 sem. hr.) NEW YORK STATE

Human and natural resources of New York State. Prerequisite: Introductory geography or permission of department.

S. S. III 10:30-11:45
Room: L315 Brownell Call: 193-01

Geog 503: GEOGRAPHY OF (3 sem. hr.) ASIA

A real analysis of physical and cultural environments and their interaction; emphasis on political, agricultural and industrial patterns of occupation in Asia exclusive of the Soviet Union. Prerequisite: Introductory geography.

S. S. II 9:00-10:15
Room: C106 McDermott Call: 194-01

Geog 516: POLITICAL (3 sem. hr.) GEOGRAPHY

Geographical foundations of international political phenomena; geographic factors in the development and orientation of states and power blocs. Prerequisite: Introductory geography.

S. S. II 7:30-8:45
Room: C106 Heppell Call: 195-01

Geog 610: SEMINAR IN (3 sem. hr.) SYSTEMATIC GEOGRAPHY

Intensive work in systematic geography. Emphasis on urban development. Prerequisite: 9 hours in geography. May be repeated for credit with departmental approval.

S. S. II 12:00-1:15
Room: C106 McDermott Call: 196-01

GEOLOGY

Geol 161: ELEMENTARY (3 sem. hr.) EARTH SCIENCE

Materials of the Earth, surface and near-surface processes and products. Elements of meteorology, astronomy and a consideration of the Earth as a planet. Not open to Science, Geography or Mathematics majors. Prerequisite: None. Lab on alternate days beginning M, W, F.

S. S. II 7:30-8:45
Lab: 1:30-3:30
Room: Lec.: S331 Faith Call: 201-01
Lab.: S322

S. S. II 7:30-8:45
Lab: 1:30-3:30
Room: Lec.: S319 R. Hay Call: 201-02
Lab.: S322

Geol 490g: PROBLEMS IN (3 sem. hr.) REGIONAL GEOLOGY

Critical examination of geologic principles deduced from detailed studies of selected geologic provinces. Prerequisite: 12

hours of geology or permission of department.

S. S. II 9:00-10:15
Room: S331 Fauth Call: 202-01

Geol 661: SEMINAR IN (3 sem. hr.)
EARTH SCIENCE

Directed discussions and investigations by

graduate students on selected topics. Oral presentation of reports. Prerequisite: Graduate major in Earth Science.

S. S. II 10:30-11:45
Room: S331 R. Hay Call: 203-01

HISTORY

Hist 100: AMERICAN (3 sem. hr.)
HISTORY I

Origin and development of American institutions and ideals from the discovery of the new world to the close of the Reconstruction period. Prerequisite: None.

S. S. II 10:30-11:45
Room: L311 Vanaria Call: 241-02
S. S. II 12:00-1:15
Room: L205B C. R. Clark Call: 241-01

Hist 101: AMERICAN (3 sem. hr.)
HISTORY II

Continuation of Hist 100 stressing significant cultural, economic, political and social forces and problems in America from the Civil War to the present. Prerequisite: Hist 100.

S. S. III 9:00-10:15
Room: C213 Burdick Call: 242-01

Hist 110: EUROPEAN (3 sem. hr.)
HISTORY I

Ancient times to 1815. Surveys contributions of the Mediterranean World to Western civilization. Deals with the major political, social, economic, religious and intellectual developments from the Middle Ages to the close of the Napoleonic period. Emphasis on the Renaissance, the Reformation, the growth of Capitalism, the Enlightenment, the Diplomacy of the Great Powers and the structure of state and society in the seventeenth and eighteenth centuries. Prerequisite: None.

S. S. I 10:30-11:45
Room: C108 Hershey Call: 243-01
S. S. II 12:00-1:15
Room: L205A Beadle Call: 253-01

Hist 157: HISTORY OF (3 sem. hr.)
NEW YORK STATE

New York's colonial background, the transition of the colony into statehood and its final membership in the federal union. Emphasis upon leaders, geography and the economic, social and political events of the Empire State up to the present time. Prerequisite: Hist 100, 101.

S. S. II 1:30-2:45
Room: L205A C. R. Clark Call: 244-01

History courses, 400-600 level:

Prerequisite: 6 hours of study in American or European history is prerequisite to all advanced study in the respective areas, unless the student receives the permission of the instructor.

Hist 408g: CULTURES OF (3 sem. hr.)
ASIA

Study of selected national cultures of Asia with emphasis upon history, literature, religion, geography and sociology, and art, music and drama.

S. S. II 1:30-2:45
Room: L205B Lyman (Coord.) Call: 245-01

Hist 430g: AMERICAN (2 sem. hr.)
DIPLOMACY I

The formative years of American foreign relations, emphasizing the origins and modifications of isolationism, the Monroe Doctrine and related policies.

S. S. II 12:00-12:50
Room: L205A Brown Call: 246-01

Hist 435: AMERICAN (3 sem. hr.)
NEGRO HISTORY

Survey of history of the Afro-American in the United States. Special emphasis will be placed on the antebellum period, the post Reconstruction Era and the growth of Negro protest groups in the twentieth century.

S. S. III 10:30-11:45
Room: D219 Burdick Call: 259-01

Hist 462g: THE AMERICAN (2 sem. hr.)
MIDDLE PERIOD I

United States development, 1783-1840; critical period; the Constitution; Federalists, Jeffersonians and Jacksonians.

S. S. II 10:30-11:20
Room: L205C Sipher Call: 248-01

Hist 477g: MODERN EUROPE: (3 sem. hr.)
WORLD WAR I
TO THE PRESENT

Domestic, political and economic history of the major European countries from the beginning of the World War.

S. S. II 7:30-8:45
Room: L205B Gebhard Call: 250-01

HIST 606: THE FRONTIER (3 sem. hr.)

The frontier as a determining factor in modern Western civilization. Focus on expansion of Europe, American frontier experience, World Wars I and II and the technological revolution covering the period 1415-present. The roles of eminent explorers from Columbus to von Braun, contributions of such leaders in historiography as Morison, Turner, Webb, Spengler and Tynbee.

S. S. II 9:00-10:15
Room: L205B Ralston Call: 251-01

Hist 608: HISTORY OF (3 sem. hr.)
THE SOUTH

Analysis of major changes in the social, economic and political order of the South since 1877. Industrial developments, agricul-

tural changes, education race relations and political trends will be emphasized.

S. S. II 9:00-10:15
Room: L313 Stewart Call 258-01

Hist 612: TWENTIETH
CENTURY
PROBLEMS

Study of the major problems of recent times both domestic and foreign. Selected topics, according to individual interest, from the areas of immigration, labor, social justice, defense, resources, international conferences, peace and war efforts, economic assistance, international alliances and the international organization. Prerequisite: 2 semesters of European History.

S. S. II 10:30-11:45
Room: L205A Beadle Call: 253-01

Hist 617: METHODOLOGY (3 sem. hr.)
AND TECHNIQUES
OF SOCIAL
SCIENCE RESEARCH

Designed to provide a general introduction to research in the social sciences. Analysis of the tools, materials and approaches available to researchers with emphasis on bibliographical guides, evaluation of source materials and methodology and opportunities for individual research problems. (Open only to matriculated graduate students in the Secondary Social Studies Program and offered only during summer session.)

S. S. II 1:30-2:45
Room: L205C Stewart Call: 254-01

Hist 649: SEMINAR IN (3 sem. hr.)
HISTORY

Methods of historical investigation and their application to topics in selected historical periods. Prerequisite: Graduate standing or consent of department.

S. S. II 9:00-10:15
Room: L205A Brown Call: 256-01

MATHEMATICS

Math 102: INTRODUCTION (3 sem. hr.) TO MATHE- MATICS II

A continuation of Math 101. Not open to students majoring in mathematics or physical sciences. Prerequisite: None.

S. S. II 7:30-8:45
Room: C23 DePue Call: 261-01

Math 143: INTRODUCTION (3 sem. hr.) TO STATISTICS

Basic concepts of probability and descriptive and inductive statistics; including measures of central tendency and dispersion, frequency distributions, sampling, tests of hypotheses, correlation. Not open to students majoring in mathematics. Prerequisite: None.

S. S. II 7:30-8:45
Room: C222 Joiner Call: 262-02
S. S. II 12:00-1:15
Room: C222 Benedick Call: 262-01

Math 225: CALCULUS I (3 sem. hr.)

A study of elementary algebraic functions emphasizing limits and derivatives. Introduction to integration. Prerequisite: None.

S. S. III 10:30-11:45
Room: P206 Rubaii Call: 263-01

Math 226: CALCULUS II (3 sem. hr.)

Further study of algebraic functions, their derivatives and integrals; derivatives and integrals of transcendental functions. Prerequisite: Math 225 (Calculus I).

S. S. II 9:00-10:15
Room: S125 Bryan Call: 275-01

Math 325: CALCULUS III (3 sem. hr.)

Study of infinite series; conic sections in rectangular and polar form; hyperbolic functions, with applications. Prerequisite: Math 226 (Calculus II).

S. S. II 10:30-11:45
Room: C23 DePue Call: 264-01

Math 370: ALGEBRAIC (3 sem. hr.) STRUCTURES I

Study of groups, rings and integral domains. Prerequisite: Math 260 (Elements of Modern Mathematics) or equivalent.

S. S. III 1:30-2:45
Room: P206 Rubaii Call: 265-01

Math 375: ADVANCED (3 sem. hr.) SYNTHETIC GEOMETRY I

Euclidean geometry and its foundations; axiomatic systems; topics of modern geometry; projective geometry. Prerequisite: Math 260 (Elements of Modern Mathematics) or consent of department.

S. S. II 1:30-2:45
Room: C222 Slaugh Call: 266-01

Math 402g: ELEMENTARY (3 sem. hr.) MATHEMATICAL CONCEPTS

Concepts of mathematics basic to elementary school mathematics. A companion course to Math 401 (Backgrounds of Mathematics), which is, however, not prerequisite. Principally for elementary teachers in-service. Not open to students majoring in mathematics.

S. S. II 9:00-10:15
Room: C210 Benedick Call: 267-01

Math 446: PROBABILITY (3 sem. hr.) AND STATISTICS I

Theory of probability for finite sample spaces; independent trials. Random variables and their probability functions, sampling, estimation and hypothesis testing. Prerequisite: Math 325 (Calculus III).

S. S. II 9:00-10:15
Room: S319 Tapper Call: 268-01

**Math 485: INTRODUCTION (3 sem. hr.)
TO DIGITAL
COMPUTING**

Language, algorithms, programming and operation of a computer, including experience with available data processing equipment. Prerequisite: 6 hours of college mathematics.

S. S. II 10:30-11:45
Room: C222 Joiner Call: 269-01

**Math 525: ADVANCED (3 sem. hr.)
CALCULUS I**

Rigorous study of sequences, functions, limits, continuity, differentiation, integration and convergence. Prerequisite: Math 326 (Calculus IV).

S. S. II 9:00-10:15
Room: C222 Hoffman Call: 270-01

Math 572: LINEAR ALGEBRA (3 sem. hr.)

Further study of vector spaces and linear transformations, orthogonal transformations, the characteristic equation of a matrix, bilinear and quadratic forms. Prerequisite: Math 470 (Algebraic Structures II).

S. S. II 10:30-11:45
Room: S126 Pugh Call: 271-01

**Math 580: HISTORY OF (3 sem. hr.)
MATHEMATICS**

Backgrounds in the origins and development of mathematics in various cultures of Western civilization. Prerequisite: Math 225 (Calculus I) or consent of department.

S. S. II 10:30-11:45
Room: C210 Slaugh Call: 272-01

**Math 637: FUNCTIONS OF (3 sem. hr.)
A COMPLEX
VARIABLE**

Study of the complex number system, stereographic projections, linear functions. Single-valued complex functions developed from the Cauchy-Riemann theorem through Cauchy's Integral Theorem, Power series, expansions of analytic functions, the Identity Theorem. Prerequisite: Math 326 (Calculus IV).

S. S. II 12:00-1:15
Room: S319 Tapper Call: 273-01

**Math 660: FOUNDATIONS (3 sem. hr.)
OF MATHEMATICS**

Critical study of logical and analytic assumptions and structure of mathematical theory. Prerequisites: Math 326 (Calculus IV) and either Math 572 (Linear Algebra) or Math 671 (Higher Algebra I).

S. S. II 1:30-2:45
Room: C210 Pugh Call: 274-01

MUSIC

**Mu 111: FOUNDATIONS OF (3 sem. hr.)
MUSICAL
EXPRESSION I**

Basic theory of music; experiences in melodic, rhythmic and harmonic expression. Prerequisite: None.

S. S. I 12:00-1:15
Room: F203 Picerno Call: 281-01

**Mu 112: FOUNDATIONS (3 sem. hr.)
OF MUSICAL
EXPRESSION II**

Significant historical periods of music with attention given to styles, forms, com-

posers and important representative compositions. Prerequisite: Mu 111.

S. S. III 12:00-1:15
Room: F207 Call: 282-01

**Mu 424g: CONTEMPORARY (3 sem. hr.)
MUSIC**

Designed to provide an awareness and understanding of new styles common to contemporary expression. Prerequisite: Mu 112.

S. S. II 12:00-1:15
Room: F204 Forcucci Call: 283-01

Mu 522: MUSIC IN THE UNITED STATES (3 sem. hr.)

A survey of music from the time of the Pilgrims to the present, with emphasis on the

development of a distinctive American cultural tradition in music. Prerequisite: Mu 112.

S. S. II 10:30-11:45
Room: F204 Ligon Call: 285-01

PHILOSOPHY

Phil 200: INTRODUCTION TO THE PROBLEMS OF PHILOSOPHY I (3 sem. hr.)

Problems and methods of philosophical inquiry through critical study of writings of classical and contemporary philosophers. Typical problems: the grounds of moral obligation, the logic of religious belief, the nature of freedom, the meaning of rational method, the limits of knowledge, connections between

society, language, the individual and truth. Prerequisite: None.

S. S. II 10:30-11:45
Room: D316 Schwager Call: 291-01

Phil 210: INTRODUCTION TO LOGIC I (3 sem. hr.)

Logical principles used in avoiding errors in inductive and deductive reasoning and in everyday discourse. Practice in applying these principles. Prerequisite: None.

S. S. II 1:30-2:45
Room: D316 Schwager Call: 292-01

PHYSICS

Phys 141: ELEMENTARY PHYSICS I (3 sem. hr.)

A noncalculus introduction to physics including selected topics in mechanics, heat and wave motion. Not open to majors in chemistry, geology, mathematics or physics. Prerequisite: None. Lab on alternate days beginning M, W, F.

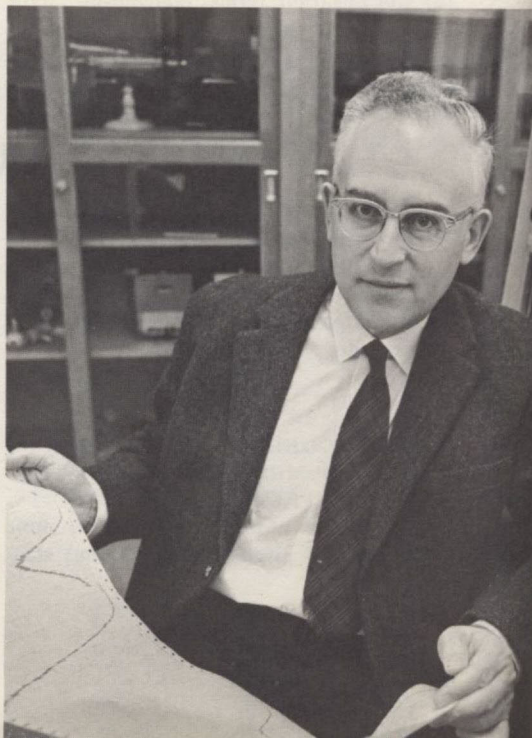
S. S. II 10:30-11:45
Lab: 1:30-4:30

Room: Lec.: S324 B. Smith Call: 316-01
Lab.: S130

Phys 420g: MECHANICS (3 sem. hr.)

Statics and dynamics of a particle, systems of particles, rigid bodies, vibrating systems and the application of Lagrange's equations. Prerequisites: Phys 251, 252 (Principles of Physics I, II), Math 325 (Calculus III).

S. S. II 9:00-10:15
Room: S324 B. Smith Call: 320-01



POLITICAL SCIENCE—ECONOMICS

POLITICAL SCIENCE

PS 250: INTRODUCTION TO (3 sem. hr.) GOVERNMENT I

Study of the framework and institutional elements of American government. The processes and patterns of behavior in the formulation and execution of public policies, including the role of mass media and public opinion. Prerequisite: None.

S. S. II		7:30-8:45
Room: D315	Bahou	Call: 321-01
S. S. III		10:30-11:45
Room: C108	Bullard	Call: 321-02

PS 251: INTRODUCTION TO (3 sem. hr.) GOVERNMENT II

Basic models of contemporary political systems and selected ideological systems such as institutions and values of democracies, totalitarian systems and the developing nation. Prerequisite: None.

S. S. I		7:30-8:45
Room: C108	Steck	Call: 322-01
S. S. II		12:00-1:15
Room: D315	Leon	Call: 322-02

PS 383: INTRODUCTION (3 sem. hr.) TO PUBLIC ADMINISTRATION

Basic concepts of public administration and its role in the American system of government. (Special attention to be given summer 1967 to the politics and administration of public school system and of educational policies.) Prerequisite: 3 hours of political science or consent of instructor.

S. S. III		9:00-10:15
Room: C108	Bullard	Call: 323-01

PS 387: THE LEGISLATIVE (3 sem. hr.) PROCESS

Principles, organization and problems of the American legislative system. Prerequisite:

PS 250 or any three hours in American Government and Politics or consent of instructor.
S. S. II

		10:30-11:45
Room: D315	Bahou	Call: 324-01

PS 569: SEMINAR IN (3 sem. hr.) INTERNATIONAL RELATIONS

Analysis of selected problems in international relations. (Special attention to be given summer 1967 to Vietnamese War and the related problems of Southeast Asia. Attention will be given to the diplomatic, military and ideological aspects of the war and their impact on the international community.) Prerequisites: 6 hours of Political Science, including an introductory course in international relations; or 3 hours of Political Science plus a course in diplomatic history; or consent of instructor.

S. S. II		9:00-10:15
Room: D315	Leon	Call: 325-01

ECONOMICS

Econ 331: INTRODUCTORY (3 sem. hr.) ECONOMIC ANALYSIS I

The determinants of aggregate economic activity, national income and employment determination and theories of growth, development and stability. Prerequisite: None.

S. S. II		7:30-8:45
Room: L311	Brous	Call: 135-01

Econ 531: GOVERNMENT (3 sem. hr.) AND BUSINESS

The economic aspects of the relations of government and business in the United States; a survey of the various forms of public regulation applied to our contemporary industrial organization. Prerequisite: None.

S. S. II		9:00-10:15
Room: L311	Brous	Call: 136-01

PSYCHOLOGY

Psy 101: GENERAL PSYCHOLOGY I (3 sem. hr.)

Introduction to the scientific study of behavior, with emphasis on motivation, emotion, perception, learning, thinking, personality and individual differences. Prerequisite: None.

S. S. II		9:00-10:15
Room: C209	Taylor	Call: 331-01
S. S. III		10:30-11:45
Room: C213	Reevy	Call: 331-02

Psy 102: GENERAL PSYCHOLOGY II (3 sem. hr.)

Introductory laboratory course in general psychology: experimental work in selected areas of psychology to illustrate basic research techniques. Prerequisite: Psy 101.

S. S. II		9:00-10:15
Room: C205	Corso	Call: 332-02
S. S. II		10:30-11:45
Room: C209	Devane	Call: 332-01

Psy 231: CHILD PSYCHOLOGY (3 sem. hr.)

Basic principles of child behavior and development. Also listed as Educ 100. Prerequisite: Psy 101.

S. S. II		1:30-2:45
Room: C205	McGinley	Call: 333-01

Psy 232: ADOLESCENT PSYCHOLOGY (3 sem. hr.)

Physical, intellectual, emotional and social aspects of adolescent development and adjustment. Prerequisite: Psy 101.

S. S. II		9:00-10:15
Room: C130	Mulholland	Call: 334-01

Psy 312: THEORIES OF LEARNING (3 sem. hr.)

Conditions and principles of learning in man and animals. Evaluation of learning theories with coordinated laboratory work. Prerequisites: Psy 102 and Psy 201.

S. S. II		7:30-8:45
Room: C209	Devane	Call: 335-01

Psy 332: EDUCATIONAL PSYCHOLOGY (3 sem. hr.)

Educational implications of psychological facts, principles and theories; human development; learning, evaluation and adjustment. Also listed as Educ 118. Prerequisite: Psy 101.

S. S. II		10:30-11:45
Room: C205	McGinley	Call: 336-01

Psy 416g: PSYCHOLOGICAL FOUNDATIONS OF SECONDARY EDUCATION (3 sem. hr.)

Theories, data and principles of psychology applied to the classroom at the secondary level. Open only to graduate students in certification programs who have not had adolescent or educational psychology. Also listed as Educ 416. Prerequisite: 6 hours of psychology.

S. S. II		9:00-10:15
Room: C122	Cox	Call: 337-01

Psy 422: SOCIAL PSYCHOLOGY (3 sem. hr.)

Individual behavior as a function of interaction with social groups and social institutions. Also listed as Educ 108. Prerequisite: Psy 101.

S. S. II		12:00-1:15
Room: C209	Taylor	Call: 338-01

Psy 486g: COUNSELING PSYCHOLOGY (3 sem. hr.)

Contemporary theories and principles of counseling and psychological therapy; professional issues and review of selected counseling and clinical procedures. Also listed as Educ 486. Prerequisite: Student teaching or field work experience.

S. S. III		1:30-2:45
Room: C209	Reevy	Call: 339-01

Psy 491: SPECIAL STUDY IN PSYCHOLOGY I (3 sem. hr.)

Independent study or research on a selected topic in psychology. May be taken

for honors credit. Prerequisite: Consent of department.

S. S. II 12:00-1:15
Room: C205 Corso Call: 340-01

Psy 501: **ADVANCED
EDUCATIONAL
PSYCHOLOGY** (3 sem. hr.)

Advanced study of psychological principles and theories related to education. Also

listed as Educ 501. Prerequisite: Psy 332 or equivalent.

S. S. II 12:00-1:15
Room: C122 Cox Call: 341-01

Psy 600: **ADVANCED CHILD
STUDY** (3 sem. hr.)

Review and critical analysis of psychological research literature dealing with child behavior. Also listed as Educ 600. Prerequisite: Psy 500 or equivalent.

S. S. II 10:30-11:45
Room: C217 Mulholland Call: 342-01

SCIENCE, GENERAL

Sci 482g: **FUNDAMENTALS
IN SCIENCE** (3 sem. hr.)

Basic principles of physical and biological science through experiments and demonstrations. Development of appreciation and understanding of scientific concepts and principles in modern society. For all students, except those in the secondary science curriculum, who have completed student teaching.

S. S. II 12:00-1:15
Room: S125 Fisk Call: 354-01

Sci 695: **HISTORY AND
LITERATURE OF
SCIENCE** (3 sem. hr.)

Historical development of science, its basic concepts, the traits of scientists, their writings and philosophies. Prerequisite: Specialization in science, or by permission.

S. S. II 9:00-10:15
Room: S124 Fisk Call: 356-01



SOCIOLOGY

(INCLUDING ANTHROPOLOGY)

ANTHROPOLOGY

Anth 200: INTRODUCTION (3 sem. hr.)
TO
ANTHROPOLOGY
Human and cultural evolution empha-

sizing the culture, technology and artifacts of
preliterate society. Prerequisite: None.
S. S. I 9:00-10:15
Room: F52 Edwards Call: 102-01

SOCIOLOGY

Soc 250: INTRODUCTION (3 sem. hr.)
TO SOCIOLOGY

Social structure and basic human institutions, including analysis of social processes and major social forces. Prerequisite: None.

S. S. II 7:30-8:45
Room: F203 Call: 357-01

S. S. III 12:00-1:15
Room: L313 Gutenkauf Call: 357-02

Soc 452g: RACES AND (3 sem. hr.)
MINORITIES

The social significance of differential definition and treatment of human groups known as "races" and "minorities." Prerequisite: Soc 250 or Anth 200.

S. S. I 12:00-1:15
Room: F52 Edwards Call: 358-01

Soc 472g: CRIMINOLOGY (3 sem. hr.)
AND JUVENILE
DELINQUENCY

The generic processes of criminal and delinquent behavior; nature, extent, treatment and prevention. Prerequisite: Soc 250.

S. S. II 1:30-2:45
Room: F56 Palm Call: 359-01

Soc 474g: SOCIAL (3 sem. hr.)
STRATIFICATION

Comparative study of social class and caste systems with emphasis on stratification in America. Prerequisite: Soc 250.

S. S. II 10:30-11:45
Room: F203 Call: 360-01

Soc 475g: SOCIOLOGY OF (3 sem. hr.)
RELIGION

Comparative religious systems and institutions; function and role of religion and the church in society. Prerequisite: Soc 250.

S. S. II 10:30-11:45
Room: F56 Palm Call: 361-01

Soc 486g: MASS SOCIETY (3 sem. hr.)

Development of mass culture and mass society; analysis of contemporary literature dealing with mass culture; the intellectual roots of mass culture analysts. Prerequisite: Soc 250.

S. S. III 1:30-2:45
Room: L313 Gutenkauf Call: 362-01



SPEECH-THEATRE

ST 195: FUNDAMENTALS OF SPEAKING (3 sem. hr.)

Research, synthesis, organization and oral presentation of ideas. Special help in voice and articulation, if needed, by assignment to the Speech Clinic. Prerequisite: None.

S. S. II		9:00-10:15
Room: F56	Beard	Call: 336-01
3 weeks (8/10-8/30)		9:00-12:00
Room: F51	Adams	Call: 366-03
3 weeks (8/10-8/30)		1:30-4:30
Room: F52	Beard	Call: 366-02

ST 486g: CHILDREN'S THEATRE (3 sem. hr.)

Organization and conduct of a children's theatre; selection of a play, casting, mounting the play, rehearsals, make-up, central staging and problems in putting on plays in classrooms and other limited areas. Practice in the College Children's Theatre. Prerequisite: ST 388 or consent of department.

S. S. II		1:30-2:45
Room: Aud C	Hill	Call: 370-01

ST 488g: PLAY DIRECTING (3 sem. hr.)

The director's duties; play selection, production, casting; coaching actors; planning and conducting rehearsals and performances. Prerequisite: Acting, play production or consent of department.

S. S. II		10:30-11:45
Room: Aud C	Bogard	Call: 372-01

ST 489g: ORAL AND DRAMATIC INTERPRETATION (3 sem. hr.)

Analysis and oral presentation of selections from prose, literature, verse and dramatic dialogue; study of intellectual and emotional values of selections and their interpretation by means of voice and action; individual and group performances; student critical evaluations of performances. Prerequisite: ST 386 or consent of department.

S. S. III		1:30-2:45
Room: F51	Adams	Call: 373-01

DIVISION OF EDUCATION

Educ 291: INTRODUCTION (3 sem. hr.) TO TEACHING

Orientation to major aspects of the teaching-learning process and curriculum organization of the elementary school. Laboratory experiences required. Prerequisite: Educ 100 or equivalent. Observation time TBA.

S. S. II 7:30-8:45
Room: D220 Call: 137-01

Educ 391: INTRODUCTION (3 sem. hr.) TO SECONDARY EDUCATION

Orientation to major aspects of the teaching-learning process and curricular organization of the secondary school. Laboratory experiences, including observation of secondary schools. Prerequisite: None.

S. S. II 10:30-11:45
Room: D308 Shaffer Call: 138-01

Educ 424: TEACHING SOCIAL (3 sem. hr.) STUDIES IN THE ELEMENTARY SCHOOLS

Philosophy, principles and procedures which underlie sound instruction in the social

studies. Prerequisite: Student teaching. Observation time: 9:00-10:15.

S. S. II 1:30-2:45
Room: D314 Griffen Call: 139-01

Educ 429: PRIMARY READING (2 sem. hr.)

Teaching of reading in the primary grades for upperclassmen who wish to concentrate upon this phase of the reading process. Prerequisite: Student teaching.

S. S. II 9:00-9:50
Room: D314 Moe Call: 140-01

Educ 432: TEACHING (2 sem. hr.) ARITHMETIC FUNDAMENTALS

Understanding and teaching of fundamental concepts in the elementary school. Attention given to research, current trends and evaluation and use of various materials in developing a meaningful program. Prerequisite: Student teaching. Observation time: 10:30-11:45.

S. S. II 9:00-9:50
Room: D216 Unkel Call: 141-01

Educ 436: MUSIC FOR CHILDREN (2 sem. hr.)

The role of music in the elementary school. Methods and materials for guiding singing, listening, rhythm, instrumental, creative and music reading experiences. Prerequisite: Student teaching or equivalent.

S. S. II 9:00-9:50
Room: F204 Forcucci Call: 284-01

Educ 440: INSTRUCTIONAL MATERIALS (2 sem. hr.)

Intensive analysis of instructional materials available to the classroom teacher. Emphasis on curriculum publications, textbooks, encyclopedias, supplementary trade books, guides to instructional aids. Non-book materials discussed as indicated through student interests. Prerequisite: Student teaching.

S. S. II 9:00-9:50
Room: L317 Cruden Call: 142-01

Educ 441g: METHODS OF TEACHING ENGLISH IN SECONDARY SCHOOLS (3 sem. hr.)

The materials and methods for teaching English in the secondary schools. Prerequisite: None.

S. S. II 9:00-10:15
Room: D313 Stokes Call: 182-01

Educ 444g: METHODS OF TEACHING SOCIAL STUDIES IN SECONDARY SCHOOLS (3 sem. hr.)

The materials and methods for teaching the social studies in the secondary school. Prerequisite: None.

S. S. II 7:30-8:45
Room: L205C Sipher Call: 247-01

Educ 445: CREATIVITY IN THE EDUCATIVE PROCESS (2 sem. hr.)

Analysis of significant research in the area of creativity and its application to the teaching-learning process. Prerequisite: Student teaching.

S. S. II 7:30-8:20
Room: D218 Call: 143-01



Educ 471: FOUNDATIONS OF MODERN EDUCATION (3 sem. hr.)

Social, historical and philosophical foundations of modern education. Prerequisite: None.

S. S. II		10:30-11:45
Room: D307	Mack	Call: 144-01
S. S. II		9:00-10:15
Room: D307	Axtelle	Call: 144-02

Educ 475: HISTORY AND PHILOSOPHY OF EDUCATION (2 sem. hr.)

Major educational concepts from primitive times to the present, emphasizing the contributions of each period. Discussion of the philosophy of education congruent with the aims of education in our modern society. Includes special application to the areas of physical education and health. Prerequisite: None.

S. S. II		7:30-8:20
Room: D309	Carlson	Call: 170-01

Educ 485: ORGANIZATION AND ADMINISTRATION OF SCHOOLS (2 sem. hr.)

Organization, supervision and administration of public elementary and secondary schools. Prerequisite: None.

S. S. II		10:30-11:20
Room: L205B	Carlson	Call: 145-01

Educ 490: STUDENT TEACHING-ELEMENTARY EDUCATION (2-6 sem. hr.)

S. S. II		TBA
	Call: 146-01	(2 sem. hr.)
	Call: 146-02	(3 sem. hr.)
	Call: 146-03	(4 sem. hr.)
	Call: 146-04	(5 sem. hr.)
	Call: 146-05	(6 sem. hr.)

Educ 496: STUDENT TEACHING IN HEALTH EDUCATION (8 sem. hr.)

Opportunity for experience and experimentation in a total school situation through apprentice teaching for one school quarter in a school system designated by the college. Adequate supervision by a master teacher to make this experience a part of the continuing education of the student. Observation, participation and practice for the student teacher in the campus and in cooperating schools. Prerequisite: Educ 426.

S. S. II		TBA
	Lewis	Call: 219-01

Educ 520: AUDIOVISUAL EDUCATION (3 sem. hr.)

Acquaintance with nature and value of audiovisual aids; preparation of materials and the use of machines in classroom instruction. Laboratory period is required. Not open to students credited with Educ 420. Prerequisite: Student teaching or equivalent.

S. S. II		10:30-11:45
Room: D216	Shaffer	Call: 147-01

Educ 521: ELEMENTARY SCHOOL LANGUAGE ARTS (3 sem. hr.)

Guiding the child's language development in written and oral communication. Prerequisite: Student teaching or equivalent. Observation time: 9:00-10:15.

S. S. II		1:30-2:45
Room: D308	Abernethy	Call: 148-01

Educ 522: ELEMENTARY SCHOOL MATHEMATICS (3 sem. hr.)

The objectives and content of the arithmetic program of the elementary school with emphasis on methods and materials for developing basic mathematical concepts, proc-

esses and evaluation techniques. Prerequisite: Student teaching or equivalent. Observation time: 10:30-11:45.

S. S. II 7:30-8:45
Room: D216 Unkel Call: 149-01

Educ 524: **ELEMENTARY (3 sem. hr.)
SCHOOL SOCIAL
STUDIES**

Objectives, methods, materials, evaluation and the relationship of social studies to other curricular areas. Prerequisite: Student teaching or equivalent. Observation time: 9:00-10:15.

S. S. II 12:00-1:15
Room: D308 Griffen Call: 150-01

Educ 526: **ELEMENTARY (3 sem. hr.)
SCHOOL METHODS
AND MATERIALS**

For teachers with little or no experience in the regular program of the elementary school. Daily work with children: observation, participation and teaching, followed by critical evaluation.

S. S. II 9:00-10:15
or 10:30-11:45

Room: B117 Campus School
Faculty Call: 151-01

Educ 529: **ELEMENTARY (3 sem. hr.)
SCHOOL READING**

Concepts of developmental reading emphasized. Current trends and research studies analyzed. Prerequisite: Student teaching or equivalent.

S. S. II 7:30-8:45
Room: D217 Roehm Call: 152-01
S. S. II 10:30-11:45
Room: D217 Roehm Call: 152-02

Educ 530: **ELEMENTARY (3 sem. hr.)
SCHOOL ART**

Designed to provide the philosophy and competencies needed by the teacher to conduct an art program. Emphasis placed on developmental stages of children's aesthetic growth. Prerequisite: None.

S. S. II 12:00-1:15
Room: F222 Kuhn Call: 114-01

Educ 535: **TELEVISION (3 sem. hr.)
TEACHING**

Study of ETV as an instructional medium and its use in the classroom. Production and programming of ETV; the role of the classroom teacher. Observation of TV installation; CCTV, commercial and telecast ETV. Prerequisite: Student teaching or equivalent. 3 weeks (6/28-7/18) 9:00-12:00

Room: D219 Miles, Molinda Call: 155-01

Educ 541: **WORKSHOPS FOR (3 sem. hr.)
PRIMARY
TEACHERS**

A developmental approach to teaching children age five through eight, including language arts, arithmetic, social and physical sciences and creative expression. Prerequisite: Student teaching or equivalent.

S. S. II 10:30-11:45
Room: D220 Pratt Call: 156-01

Educ 562: **INSTITUTE IN (3 sem. hr.)
ELEMENTARY
EDUCATION**

Study of predetermined timely topic on a lecture, group-work and forum basis.

Section I — "The Newspaper as an Educational Agency and Tool"

3 weeks (7/19-8/9) 9:00-12:00
Room: D216 Call: 157-01

Section II — "The Educational Uses of Programming"

3 weeks (8/10-8/30) 9:00-12:00
Room: D217 Call: 157-02

Educ 586: **THE NONGRADED (3 sem. hr.)
ELEMENTARY
SCHOOL**

Analysis of current trends in grade reorganization. Historical development, organization and teaching procedures of the nongraded school. Prerequisite: None.

S. S. II 9:00-10:15
Room: D307 Call: 158-01

Educ 639: ANALYSIS AND (3 sem. hr.)
CORRECTION OF
READING
DIFFICULTIES

Comprehensive survey of methods, materials and research. Preparation of kit for use in analyzing difficulties. For teachers, reading consultants and supervisors. May be taken concurrently with Laboratory in Corrective Reading. Prerequisite: Educ 529 or equivalent.

S. S. II 7:30-8:45
Room: D314 Moe Call: 159-01

Educ 641: SEMINAR IN (3 sem. hr.)
TEACHING OF
SECONDARY
ENGLISH

Study of significant curriculum patterns, practices and research in secondary English with opportunities for investigations based upon individual needs and interests. Not to be credited as a basic methods course for certification. Prerequisite: None.

S. S. II 10:30-11:45
Room: C231 McCracken Call: 187-01

Educ 644: SEMINAR IN THE (3 sem. hr.)
TEACHING OF
SECONDARY
SOCIAL STUDIES

Selected problems in secondary school social studies curriculum and methodology with opportunities for research based on individual needs and interests. Not to be credited as a basic methods course for certification. Prerequisite: None.

S. S. II 12:00-1:15
Room: L311 Vanaria Call: 255-01

Educ 650: EVALUATION IN (3 sem. hr.)
THE ELEMENTARY
SCHOOL

Measurement and evaluation of the pupils and the curriculum. Prerequisite: None.

S. S. II 12:00-1:15
Room: D217 Peters Call: 160-01

Educ 651: EDUCATIONAL (3 sem. hr.)
RESEARCH

Understanding and appreciation of types and techniques of research and their contribution to education and teaching. Prerequisite: None.

S. S. II 9:00-10:15
Room: D309 Peters Call: 161-01

Educ 652: INDIVIDUAL (1-6 sem. hr.)
RESEARCH
PROJECT

For experienced teachers who wish to work independently on in-service problems. Arrangements for time and credit made with students' advisers and by advanced registration. Prerequisite: None.

S. S. II TBA
Call: 162-01 (1 sem. hr.)
Call: 162-02 (2 sem. hr.)
Call: 162-03 (3 sem. hr.)
Call: 162-04 (4 sem. hr.)
Call: 162-05 (5 sem. hr.)
Call: 162-06 (6 sem. hr.)

Educ 660: ELEMENTARY (3 sem. hr.)
SCHOOL
CURRICULUM

A critical examination of elementary school curricula including design, organization, implementation, evaluation and ways of effecting curriculum change. Prerequisite: None.

S. S. II 7:30-8:45
Room: D219 Del Popolo Call: 163-01

Educ 671: PHILOSOPHY OF (3 sem. hr.)
EDUCATION

An analysis of the major philosophical positions which underlie contemporary American education. Prerequisite: None.

S. S. II 10:30-11:45
Room: D218 Axtelle Call: 164-01

Educ 672: THE HISTORY (3 sem. hr.)
OF EDUCATION

The development of education from primitive times to the present with an em-

phasis on education in American culture.
Prerequisite: None.

S. S. II 9:00-10:15
Room: D306 Weiss Call: 165-01

Educ 673: **SOCIAL FOUNDATIONS OF EDUCATION** (3 sem. hr.)

An analysis of the role and basic issues of education in contemporary American society.
Prerequisite: None.

S. S. II 12:00-1:15
Room: D307 Mack Call: 166-01

Educ 680: **ELEMENTARY SCHOOL PRINCIPALSHIP I** (3 sem. hr.)

School organization, the role of the administrator, school management, legal and financial aspects of public education. Prerequisite: Three years of public elementary school teaching.

3 weeks (7/19-8/9) 9:00-12:00
Room: L313 Scribner Call: 167-01

Educ 681: **ELEMENTARY SCHOOL PRINCIPALSHIP II** (3 sem. hr.)

The role of the principal in supervision, organization, evaluation and improvement of

curriculum, personnel problems, professional ethics and school-community relationships. May precede or follow Educ 680. Prerequisite: Three years of public elementary school teaching.

3 weeks (7/19-8/9) 9:00-12:00
Room: L313 Scribner Call: 168-01

Educ 685: **ORGANIZATION AND ADMINISTRATION FOR TEACHERS** (2 sem. hr.)

Organization and administration of public education. Legal rights and responsibilities of teachers. Prerequisite: None.

S. S. II 9:00-9:50
Room: D308 Carlson Call: 171-01

Educ 688: **COMPARATIVE EDUCATION** (3 sem. hr.)

A comparative study of selected educational systems; France, Germany, Britain, Denmark, the Soviet Union and the United States with an analysis of the social and political philosophies of these countries. Prerequisite: Educ 671 or Educ 673 or consent of instructor.

3 weeks (8/14-9/1) 9:00-12:00
Room: L315 Laforse Call: 169-01



DIVISION OF HEALTH, PHYSICAL EDUCATION AND RECREATION

HEALTH EDUCATION

HE 313: MENTAL AND EMOTIONAL HEALTH (3 sem. hr.)

Mental hygiene of the normal individual with a detailed analysis of the factors underlying maximum effective personality development and adjustment. Personality aberrations introduced only as essential to a more comprehensive understanding of the normal. Prerequisite: None.

S. S. II		7:30-8:45
Room: P228	Timmel	Call: 211-01
S. S. II		9:00-10:15
Room: P228	Timmel	Call: 211-02

HE 322: SAFETY EDUCATION (2 sem. hr.)

Thorough consideration of, and practice in, modern methods of safety education. Emphasizes safety of the school child and com-

prehensive community safety education programs. Prerequisite: None.

S. S. II		7:30-8:20
Room: P229	Lewis	Call: 212-01

HE 423: FOODS AND NUTRITION (3 sem. hr.)

A basic course concerned with food selection as the nutritional basis for healthful living. Includes analysis of the nutritional needs at various age levels as well as a study of recent research findings. The application of the principles of nutrition also is stressed. Prerequisite: None.

S. S. II		10:30-11:45
Room: P227	Whitaker	Call: 213-01

HE 440: FIELD WORK IN HEALTH (8 sem. hr.)

One-half of one semester devoted to the application of knowledge gained in theory

courses to a practical community health program. Includes observation of, and participation in, the functions of official and non-official health agencies. May require residence in any part of the state at student's expense. Prerequisite: HE 499.

S. S. II	TBA
Lewis	Call: 214-01
S. S. II	TBA
Poskanzer	Call: 214-02

HE 442: HEALTH (2 sem. hr.)
OBSERVATION OF
SCHOOL CHILDREN

To familiarize the student with methods of physical inspection, commonly occurring school health problems and the relationship of teaching staffs to health service personnel. Prerequisite: None.

S. S. II	9:00-9:50	
Room: C23	Coughlin	Call: 215-01

HE 471: DRIVER AND (2 sem. hr.)
TRAFFIC SAFETY
EDUCATION I

Designed as first course for preparation of driver education teachers in high school: scope and objectives of driver education and traffic safety; the personal qualifications for driving; the organization and administration of high school driver education program. Driving experience and New York State operator's permit required. Prerequisite: None.

2 weeks (6/19-6/30)	9:00-12:00	
Room: P206	Gath	Call: 216-01
2 weeks (7/31-8/11)	1:30-4:30	
Room: P206	Eckard	Call: 216-02

HE 472: DRIVER AND (2 sem. hr.)
TRAFFIC SAFETY
EDUCATION II

Designed as a second course required for approval to teach driver education in the high school. Will include practice and testing in driving proficiency, methods and tech-



niques of laboratory and in-the-car teaching. Related field trips and in-the-car student teaching. Prerequisite: HE 471.

2 weeks (7/3-7/14) 1:30-4:30

Room: P206 Gath Call: 217-01

2 weeks (8/14-8/25) 1:30-4:30

Room: P206 Eckard Call: 217-02

HE 481: CASE STUDIES — (2 sem. hr.) SCHOOL HEALTH SERVICE

Introduction to social work, dealing with health service personnel's approach to the family, compiling data, histories and case reports; the use of voluntary and official organizations in coordinating the work of the school in general health service. R. D. H. required. Prerequisite: None.

S. S. II 12:00-12:50

Room: P229 Macko Call: 218-01

HE 512: WORKSHOPS IN (2 sem. hr.) MENTAL HEALTH

Studies in mental health and related areas. Prerequisite: Permission of department.

Section I

MENTAL HEALTH

2 weeks (6/29-7/13) 1:30-4:30

Room: P227 Poskanzer Call: 220-03

Section II

FAMILY LIFE (Sex) EDUCATION

2 weeks (7/17-7/28) 1:30-4:30

Room: P229 Call: 220-02

HE 514: WORKSHOP IN THE (1 sem. hr.) HEALTH SCIENCES

Workshops in specific health areas for studies in depth. Consultants and lecturers from varied community organizations will serve as instructors. Prerequisite: Permission of department. To be held at Whiteface Mountain.

WATER POLLUTION

1 week (8/28-9/1) TBA

Samuels Call: 221-01

HE 516: WORKSHOPS IN (2 sem. hr.) DRUG STUDIES

Detailed study of a drug or drug group as an ecologic factor and its public health

implications in a modern technological society. Prerequisite: Permission of department.

DRUG ALCOHOL

2 weeks (6/29-7/13) 1:30-4:30

Room: P229 O'Reilly Call: 222-01

DRUGS IN OUR SOCIETY

2 weeks (7/31-8/11) 1:30-4:30

Room: P229 O'Reilly Call: 222-03

MAN'S USE OF TOBACCO

2 weeks (7/17-7/28) 1:30-4:30

Room: P227 O'Reilly Call: 222-02

HE 541: WORKSHOP IN (1-2 sem. hr.) AIR POLLUTION

Description and analysis of the causative agents of air pollution and their effects upon man and society. Explores the medical and economic effects of air pollution. Consideration given to meteorological factors, measurement and analysis of air pollutants in community atmospheres and Federal, State and Community approaches to prevention and control. Prerequisite: None. To be held at Whiteface Mountain.

1 week (8/14-8/19) TBA

Samuels Call: 723-01 (1 sem. hr.)

2 weeks (8/14-8/25) TBA

Samuels Call: 723-02 (2 sem. hr.)

HE 561: THE ORGANIZA- (2 sem. hr.) TION AND ADMIN- ISTRATION OF THE SCHOOL HEALTH PROGRAM

The role of the classroom teacher, the school nurse-teacher and others in the development and implementation of the total school health curriculum. Includes consideration of problems in selection and use of methods and materials for elementary and secondary levels. Prerequisite: None.

S. S. II 1:30-2:20

Room: P228 Call: 224-01

HE 571: ADVANCED DRIVER (2 sem. hr.) EDUCATION

Designed for secondary school teachers now engaged in the teaching of driver educa-

tion. Includes an evaluation of present practices in driver education. Research and study of current principles and policies in the field. Group and individual projects required. Course requires sixty clock hours of work. Prerequisites: HE 471 and HE 472: Driver Education I and II.

2 weeks (7/17-7/28) 9:00-12:00
Room: P206 Gath Call: 225-01

HE 580: SCHOOL NURSE (2 sem. hr.) TEACHING I

Theory and principles underlying functions of school nurse-teacher in health teaching; materials, their sources, evaluation and use. R. N. required. Prerequisite: None.

2 weeks (7/17-7/28) 9:00-12:00
Room: P205 Call: 226-01

HE 581: SCHOOL NURSE (2 sem. hr.) TEACHING II

Instructional techniques and skills necessary to the various responsibilities of the nurse-teacher. R. N. required. Prerequisite: HE 580.

2 weeks (7/31-8/11) 9:00-12:00
Room: P229 Call: 227-01

HE 582: SCHOOL NURSING I (3 sem. hr.)

Study of the function and service of school-nurse-teacher in family, school and community health. The responsibilities of school health service personnel, including the supervision of illness-absentees, the handling of records and reports and legal aspects of these functions. Various testing techniques and instruments of the profession. For school nurse-teachers only. R. N. required. Prerequisite: None.

3 weeks (6/28-7/18) 9:00-12:00
Room: P229 Call: 228-01

HE 583: SCHOOL NURSING II (3 sem. hr.)

An advanced course having as a prerequisite School Nursing I or its equivalent. Includes new trends in school health services and deals with special problems in school nursing. Special areas where school nurse-teachers can make a contribution are explored. For school nurse-teachers only. R. N.

required. Prerequisite: HE 582.

3 weeks (7/19-8/9) 9:00-12:00
Room: P229 Call: 229-01

HE 584: FAMILY CASE (2 sem. hr.) WORK I

Study of health and related social problems of the family. Stresses exploration of the activities of the family-centered programs in community agencies. R. N. required. Prerequisite: None.

2 weeks (7/31-8/11) 1:30-4:30
Room: P227 Whitaker Call: 230-01

HE 585: FAMILY CASE (2 sem. hr.) WORK II — FIELD STUDIES

Observation of activities in community health agencies. Stresses the importance of skills and techniques of professional personnel operating within the framework of these programs. Includes the study of the interrelationships of various community agencies. R. N. required. Prerequisite: HE 584.

2 weeks (8/14-8/25) TBA
Whitaker Call: 231-01

HE 605: INDIVIDUAL (1-2 sem. hr.) HEALTH EDUCATION PROBLEMS

Teachers with unique in-service problems consult and confer with specialists in their field. Effective practical solutions sought in terms of the local situations and the school-community needs, interests and resources. Hours and credit to be arranged. Prerequisite: None.

S. S. II TBA
Sinacore Call: 232-01 (1 sem. hr.)
Call: 232-02 (2 sem. hr.)

HE 620: MEDICAL CARE (3 sem. hr.) PROBLEMS AND PROGRAMS

Discussions of the major developments, achievements and issues in the fast-moving and wide-ranging field of medical care. Prerequisite: HE 520 or equivalent.

S. S. II 9:00-10:15
Room: P227 Poskanzer Call: 233-01

HE 679: CURRICULUM (3 sem. hr.)
CONSTRUCTION IN
HEALTH

Modern methods of curriculum construction based upon current theories of education applied to school health education.

Opportunities given to work upon individual curriculum problems at any school level.
Prerequisite: None.

S. S. II 10:30-11:45
Room: P226 Sinacore Call: 234-01

PHYSICAL EDUCATION

PE 340: KINESIOLOGY (2 sem. hr.)

Analysis of muscular interrelationships in basic body movements; analysis and application of the principles of mechanics as they relate to the fundamental and complex motor skills in physical education activities. Prerequisites: Biol 301, 302 or equivalent.

S. S. II 12:00-1:15
Room: P107 Greenlee Call: 600-01

PE 420: TESTS AND (3 sem. hr.)
MEASUREMENTS

Nature and purpose of measurement in health and physical education. Considers and evaluates available tests and provides practice in the administration of outstanding tests. Lectures and laboratory work. Prerequisite: Math 143.

S. S. II 10:30-12:00
Room: P225 Miller Call: 601-01

S. S. II 1:30-3:00
Room: P107 Corey Call: 601-02

PE 445: PHYSIOLOGY OF (2 sem. hr.)
EXERCISE

The physiological adjustments and changes occurring in the human organism as a result of physical activity. Emphasizes the physiology of muscular contraction and the role of the circulatory and respiratory systems in exercise. Lectures, recitation and laboratory work. Prerequisites: Biol 301, 302.

S. S. II 7:30-8:45
Room: P225 Call: 602-01

S. S. II 9:00-10:15
Room: P225 Call: 602-02

PE 460: PHYSICAL (3 sem. hr.)
EDUCATION FOR
THE ATYPICAL

Problems involved in the adaptation of physical education to the needs of the individual who deviates from the average or normal child in mental, physical or social characteristics. Practice in recognition of body deviations and physical disabilities; instruction in therapeutic exercise and adapted activities; characteristics of the exceptional child, with special emphasis on the trainable and educable retarded child. Prerequisites: Anatomy and Physiology I and II or equivalent.

S. S. II 7:30-8:45
Room: P107 Moseley Call: 603-01

PE 491: ADMINISTRATION (2 sem. hr.)
OF PHYSICAL
EDUCATION II

Implications and practical problems in the organization, administration and management of the laboratory phase of the physical education program. Attention focused on the conduct of athletics, cocurricular activities, play days, sports days, invitation games and the details involved in the promotion of these activities. Prerequisite: None.

S. S. II 9:00-9:50
Room: P107 Robb Call: 604-01

ACTIVITY PROGRAM CLINICS

PE 532: BASKETBALL (2 sem. hr.)
2 weeks (8/14-8/25) 3:00-6:00
Room: P124 Call: 605-01

PE 534: TRACK AND FIELD (2 sem. hr.)
 2 weeks (7/3-7/14) 1:30-4:30
 Room: P205 Powell Call: 606-01

PE 535: WRESTLING (2 sem. hr.)
 2 weeks (7/31-8/11) 3:00-6:00
 Room: P205 Call: 607-01

PE 538: GYMNASTICS (2 sem. hr.)
 2 weeks (7/17-7/28) 1:30-4:30
 Room: P205 Call: 627-01

PE 539: VOLLEYBALL (2 sem. hr.)
 2 weeks (7/31-8/11) 3:00-6:00
 Room: P124 Peck Call: 608-01

PE 570: ELEMENTARY (2 sem. hr.)
 SCHOOL PHYSICAL
 EDUCATION
 2 weeks (8/14-8/25) 3:00-6:00
 Room: P205 Ludwig Call: 610-01

PE 549: HUMAN (3 sem. hr.)
 PERFORMANCE AND
 SKILL LEARNING IN
 PHYSICAL EDUCATION

Mechanisms, factors, principles, theories and hypotheses concerning motor skill learning and human performance in sports activities. Incorporates the findings of psychological and physical education research in the area of skill learning, stresses practical application to teaching. Prerequisite: None.

S. S. II 12:00-1:15
 Room: P226 Robb Call: 609-01

PE 572: DANCE IN THE (2 sem. hr.)
 SCHOOL PROGRAM

Fundamentals of dance movement. Correlation of rhythm and movement. Approaches to folk, square and ballroom dance. The adjustment of dance fundamentals to pre-school, elementary, secondary and college age groups. Prerequisite: None.

S. S. II 9:00-9:50
 Room: WAR Koval Call: 611-01

PE 577: RHYTHMIC (3 sem. hr.)
 ANALYSIS AND
 COMPOSITION
 FOR DANCE
 ACCOMPANIMENT

Basic elements of rhythm, musical notation and scoring through the use of percussion instruments. The course is designed to present a theoretical as well as creative approach to the area of dance accompaniment. Both solo composition and percussion orchestral possibilities in performance and scoring will be explored. The course is planned for the non-musically trained. Prerequisite: None.

S. S. II 1:30-2:45
 Room: MAR Martin Call: 612-01

PE 590: PHYSICAL (2 sem. hr.)
 EDUCATION
 FACILITIES

To assist teachers, directors and administrative authorities with problems in planning and readapting school physical education facilities and equipment to meet standards of functional adequacy. Prerequisite: None.

S. S. II 10:30-11:20
 Room: P107 Corey Call: 613-01

PE 600: INDIVIDUAL (1-2 sem. hr.)
 PHYSICAL EDUCATION
 PROBLEMS

An individual study project designed to permit teachers in service with unique problems to consult with specialists in their field. Effective practical solutions sought in terms of the needs, interests and resources of the local school and community. Hours and credit to be arranged. Prerequisite: Approval of instructor.

S. S. II TBA
 Corey Call: 614-01 (1 sem. hr.)
 Call: 614-05 (2 sem. hr.)

S. S. II TBA
 Robb Call: 614-02 (1 sem. hr.)
 Call: 614-06 (2 sem. hr.)

S. S. II TBA
 Call: 614-03 (1 sem. hr.)
 Call: 614-07 (2 sem. hr.)

S. S. II TBA
 Greenlee Call: 614-04 (1 sem. hr.)
 Call: 614-08 (2 sem. hr.)

PE 601: RESEARCH IN (3 sem. hr.)
 HEALTH, PHYSICAL
 EDUCATION AND
 RECREATION

The nature, scope and methodology of research in education, with emphasis on the fields of health, physical education and recreation. Prerequisite: None.

S. S. II 12:00-1:15
 Room: P227 Call: 615-01

PE 640: SEMINAR IN THE (3 sem. hr.)
 LITERATURE AND
 RESEARCH OF
 PHYSICAL EDUCATION

Thorough investigation and evaluation of basic and recent research and literature in physical education. Prerequisite: None.

S. S. II 9:00-10:15
 Room: D316 Call: 616-02
 S. S. II 12:00-1:15
 Room: P206 Call: 616-01

PE 645: PHYSIOLOGICAL (3 sem. hr.)
 FOUNDATIONS OF
 CURRENT THEORIES
 IN PHYSICAL
 EDUCATION AND
 ATHLETICS

Scientific bases of physical education principles and practices in terms of classical and recent research findings with special reference to those concepts which have been revised and developed within the present century. Prerequisite: PE 445 or equivalent.

S. S. II 10:30-11:45
 Room: P228 Call: 617-01

PE 660: ADAPTED (3 sem. hr.)
 PHYSICAL EDUCATION

The development of school programs of developmental and conditioning activities, games, sports and dance suited to the interests, capacities and limitations of students with physical disabilities. The problems of

adapted physical education programs in terms of integrated relationships with school personnel, medical and auxiliary services, family and community personnel. Prerequisite: None.

S. S. II 9:00-10:15
 Room: P226 Call: 619-01

PE 670: CURRICULUM (3 sem. hr.)
 CONSTRUCTION IN
 PHYSICAL EDUCATION

Approaches to program planning applicable to the student's local situation. Generally accepted education aims, objectives, philosophies and principles for curriculum construction included. Prerequisite: None.

S. S. II 10:30-11:45
 Room: D306 Ley Call: 620-01

PE 692: EVALUATION IN (3 sem. hr.)
 PHYSICAL EDUCATION

The more recent developments in measurement and evaluation in physical education. Emphasizes the role of measurement as an aid in meeting the objectives of physical education. Topics include the classification of pupils and evaluation of pupil progress, equating for competition, determination of pupil status with respect to objectives. Prerequisites: PE 420 or permission of the department.

S. S. II 7:30-8:45
 Room: P226 Miller Call: 621-01

PE 693-694: DIRECTORSHIP (4-4 sem. hr.)
 SEMINAR I
 AND II

Seminar covering administrative problems confronting city and village directors of school physical education and the related areas. A practical approach to the duties and responsibilities of the director for teachers with experience. Admission by application submitted to the Dean of Health, Physical Education and Recreation. These courses cannot be counted toward a graduate degree.

3 weeks (6/28-7/18) 8:00-12:00
 Room: P124 Weber Call: 623-01
 3 weeks (7/19-8/9) 8:00-12:00
 Room: P124 Weber Call: 624-01

Physical Education Skills and Applied Techniques

The following courses are open to all undergraduate students:

PE 115-215: FOLK DANCE (1/2 sem. hr.)
3 weeks (6/28-7/18) 10:30-11:45
Room: MAR-WAR Koval Call: 630-01
636-01

PE 142-242: TENNIS I (1/2 sem. hr.)
3 weeks (7/19-8/9) 1:30-3:00
Room: Cts Call: 631-01
637-01

PE 146-246: GOLF (1/2 sem. hr.)
3 weeks (6/28-7/18) 12:00-1:30
Room: MG-WG Call: 632-01
638-01

RECREATION EDUCATION

ACTIVITY PROGRAM CLINIC:

RE 525: BAIT AND FLY (2 sem. hr.)
CASTING

To be held at Outdoor Education Center, Raquette Lake.

2 weeks (6/28-7/12) TBA
Metcalf Call: 350-01

RE 526: ARCHERY (2 sem. hr.)

To be held at Outdoor Education Center, Raquette Lake.

2 weeks (6/28-7/12) TBA
Metcalf Call: 353-01

RE 555: SOCIOLOGY OF (3 sem. hr.)
LEISURE

History of leisure; contemporary problems of mass leisure and its relation to work,

politics, economics and other social institutions. Prerequisite: Soc 250.

S. S. II 1:30-2:45
Room: P124 Goodale Call: 351-01

RE 680: SCHOOL AND (3 sem. hr.)
COMMUNITY
RECREATION

The place of the school in community recreation. Special emphasis on the school's twelve-month program to meet the needs of all ages. Field problems of interest to class members are analyzed and solutions discussed. Major reports on school and community recreation situations individually studied are required of each class member. Prerequisite: None.

S. S. II 10:30-11:45
Room: C122 Goodale Call: 352-01

Recreation Education Skills and Applied Techniques

The following courses are open to all undergraduate students. There are additional fees to be paid directly to the Riding Stable concerned:

RE 156-256: RIDING I (1/2 sem. hr.)
S. S. II 1:30-4:30
Room: Stbl. Call: 346-01
348-01

RE 166-266: RIDING II (1/2 sem. hr.)
S. S. II 1:30-4:30
Room: Stbl. Call: 347-01
349-01

FACULTY

Administrative Staff

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SHIRLEY J. WILSON, M.A.	Dean of Women

Instructional Staff

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ALCORN, CLAYTON R., JR., M.A.	Assistant Professor of Foreign Languages
ATCHESON, GEORGE G., M.S.	Assistant Professor of Art
AXTELLE, GEORGE, Ph.D.	Distinguished Visiting Professor, Southern Illinois University
BAHOU, VICTOR S., D.S.S.	Professor of Political Science
BEADLE, GORDON B., Ph.D.	Assistant Professor of History
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BENEDICK, JOHN W., M.A.	Associate Professor of Mathematics
BOGARD, MORRIS R., Ph.D.	Professor of Speech
BROUS, IRA J., A.B.	Assistant Professor of Political Science and Economics
BROWN, GERARDO, Ph.D.	Associate Professor of Foreign Languages
BROWN, RALPH A., Ed.D.	Professor of American History
BROWNELL, JOSEPH W., D.S.S.	Associate Professor of Geography
BRYAN, JOHN C., M.A.	Assistant Professor of Mathematics
BULLARD, GEOFFREY S., M.P.A.	Instructor of Political Science
BURD, VAN A., Ph.D.	Professor of English
BURDICK, FRANCIS A., M.A.	Assistant Professor of History
CARLSON, ALDEN L., Ph.D.	Professor of Education
CLARK, C. ROBERT, M.S.	Associate Professor of American History
CLARK, ROBERT N., M.A.	Assistant Professor of English
COREY, WHITNEY T., Ed.D.	Professor of Physical Education
CORSO, JOHN F., Ph.D.	Professor of Psychology
COUGHLIN, FRANK E., M.D.	Instructor of Health Education
COX, LANDON B., Ph.D.	Professor of Psychology
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DEPUE, PAUL J., M.S.	Assistant Professor of Mathematics
DEVANE, JOSEPH R., Ph.D.	Associate Professor of Psychology
DODGE, STEWART C., Ph.D.	Associate Professor of English
DONEY, RONALD C., M.S.	Instructor of Biology
ECKARD, ROLAND J., M.A.	Associate Professor of Physical Education
EDWARDS, CHARLES R., M.A.	Instructor of Sociology
FAUTH, JOHN L., Ph.D.	Assistant Professor of Geology
FISK, G. RAYMOND, Ph.D.	Professor of Chemistry
FORCUCCI, SAMUEL L., Ed.D.	Associate Professor of Music
GATH, LEONARD T., M.S.	Associate Professor of Health Education

MILLER, DAVID G., M.S. Professor of Physical Education

MOE, IVER L., Ed.D. Professor of Education

MOLINDA, MICHAEL H., M.S.E. Staff Associate of Division of
Educational Technology of NEA, 1965-66

MOSELEY, M. LOUISE, M.Ed. Assistant Professor of Physical Education

MULHOLLAND, WALTER E., Ed.D. Professor of Psychology

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REEVY, WILLIAM R., Ph.D. Associate Professor of Psychology

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STELL, H. KENYON, M.A. Professor of Art

STEWART, DONALD, Ph.D. Professor of American History



STOKES, FRASER R., M.A.	Assistant Professor of English
TAPPER, NANCY L., A.B.	Associate Professor of Mathematics
TAYLOR, ANTHONY, Ph.D.	Associate Professor of Psychology
THOMAS, DONALD, Ph.D.	Assistant Professor of English
THOMAS, WRIGHT, Ph.D.	Professor of English
THOMPSON, MARION, Ph.D.	Professor of English
TIMMEL, GUSTAVE B., Ph.D.	Professor of Health Education
UNKEL, ESTHER, Ph.D.	Assistant Professor of Education, University of Connecticut
VANARIA, LOUIS M., Ph.D.	Professor of American History
WALDBAUER, EUGENE C., Ph.D.	Associate Professor of Biology
WEBER, ROBERT J., Ph.D.	Professor of Physical Education
WEISS, ROBERT M., Ed.D.	Professor of Education
WHITAKER, KATHERINE A., M.A.	Associate Professor-Nurse
WILSON, DAVID S., M.A.	Assistant Professor of English
ZIPP, ARDEN P., Ph.D.	Assistant Professor of Chemistry

At the time this bulletin was printed the instructional staff was incomplete. Additional faculty members are being assigned so that courses in all areas will be served adequately.

INDEX

Accreditation of the College.....	2
Admission to Summer Study.....	11
Advisement on Campus.....	19
Calendar	Inside Cover
Cancellation of Classes.....	12
College Store.....	17
Description of Courses.....	31
Building Code Designation.....	31
Key to the Numbering System.....	31
Division of Arts and Sciences.....	32
Art	32
Biology	34
Chemistry	35
English	36
Foreign Languages	38
French	38
German	38
Spanish	38
Geography	39
Geology	39
History	40
Mathematics	42
Music	43
Philosophy	44
Physics	44
Political Science — Economics	45
Economics	45
Political Science	45
Psychology	46
Science, General	47
Sociology (Including Anthropolgy).....	48
Anthropology	48
Sociology	48
Speech-Theatre	49
Division of Education	50
Division of Health, Physical Education and Recreation..	56
Health Education.....	56
Physical Education.....	60
Recreation Education	63

Facilities of the College.....	20
Faculty	64
Administrative Staff.....	64
Instructional Staff.....	65
Fees and Expenses.....	15
Grades and Standards.....	12
Graduate Division	21
Graduate Programs.....	21
Additional Degree Programs.....	28
Admission and Matriculation.....	22
Advisement	23
Assistantships	24
Completion of the Program.....	23
Curricula	24
Extension Courses and Transferred Courses.....	23
Graduate Record Examination.....	24
Standards for the Award of the Degree.....	22
Library Facilities	17
Location of the College.....	30
Maximum Course Loads.....	13
Placement Services	17
Recreation and Special Events.....	18
Refunds	15
Registration by Mail.....	19
Residence for Students.....	16
Short Sessions in	
Arts and Sciences.....	7
Elementary Education.....	8
Health Education.....	8
Physical Education.....	10
Recreation Education	10
Student Health Services	16
Student Parking	18
Student Responsibility	12
Summer Institutes.....	10
Transcripts	12
Graduate	12
Undergraduate	12
Undergraduate Accelerate Programs.....	20
Veterans' Benefits.....	17
War Service Scholarships.....	17

*Permit for Visiting Undergraduate Students
to Attend Cortland Summer Sessions, 1967*

Mr. _____
Miss _____
Mrs. _____

Address _____

State _____

Was in attendance at, and is eligible to return to:

College _____

Location _____

and has permission to enroll in the following courses at Cortland College:

Courses	Semester Hrs.
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Alternate Courses:

_____	_____
_____	_____

Signed _____
Dean of College to which credit is to be transferred

Date: _____

Note: This form must be presented at the time of registration if you appear in person, or be included with your packet of registration cards if you register by mail.

College at Cortland

State University College at Cortland is a rapidly developing public college of arts and science that is building on a century of service to education. The College is organized into four major academic divisions, each headed by a dean.

The Division of Arts and Sciences comprises these departments: art, biology, chemistry, economics, English, foreign languages, geography, geology, history, mathematics, music, philosophy, physics, political science, psychology, sociology and speech and theatre arts.

The Division of Education comprises the Department of Education and the Ella Van Hoesen Campus School.

The Division of Health, Physical Education and Recreation offers courses in three departments: health education, physical education and recreation education. It also is responsible for programs in intercollegiate and intramural athletics.

The Division of Graduate Studies and Research works with academic departments and individual faculty members in the foregoing divisions in the development and administration of programs leading to the master's degree and in encouraging and assisting faculty research.

In addition, the Division of Academic Services encompasses offices concerned with admissions and records, continuing education (summer sessions and conference programs), data processing and student teaching.

Degrees Offered

The College at Cortland offers programs of instruction in 38 major fields at the undergraduate level, granting B.A. degrees in art, French, geography, German, history, literature, music, philosophy, political science, sociology, Spanish and speech and theatre. It also offers B.A. or B.S. degrees in biology, chemistry, geology, chemistry-geology, mathematics, physics and psychology, as well as B.A. and B.S. degrees in secondary or elementary education, a B.A. degree in speech education, and B.S. degrees in health education, physical education and recreation education.

Graduate programs leading to the Master of Science in Education are offered in elementary education, health education, physical education, recreation education, speech education and secondary education in English, mathematics, social studies, French, biology and general science, chemistry and general science, earth science and general science, and physics and general science.

